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.·. COMPANY .·.

ELECTRICAL CATALOG
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CHAS. B. PRICE
Treasurer

FRANK S. PRICE
Secretary and Gen. Mgr.

CATALOG

OF

ELECTRICAL MERCHANDISE

PETTINGELL-ANDREWS COMPANY

General Offices, Studios and Salesrooms:

ATLANTIC AVENUE, Corner of PEARL STREET

BOSTON

CATALOG NO. 14

CABLE ADDRESS:
"PETANDREWS"

COPYRIGHT 1910 BY
PETTINGELL-ANDREWS CO.

General Offices, Studios, Salesrooms and Warehouses of the

PETTINGELL-ANDREWS COMPANY

BOSTON

483 to 511 ATLANTIC AVENUE

156 to 160 PEARL STREET

130 to 136 PURCHASE STREET

The bronze tablet, immediately to the right of the main entrance, marks the site of Griffins Wharf, where in 1773 occurred "The Boston Tea Party."

TO OUR CUSTOMERS.

¶ You will, we believe, find this, the 14th edition of our Electrical Supply Catalogue, the most conveniently arranged and helpful book of reference we have ever issued.

¶ In compiling this catalogue we have made every effort not only to show a representative listing of all standard, modern electrical goods, but also to include new material of practical value. And we shall further issue from time to time, bulletins describing new specialties as they become standard.

¶ Consult this catalogue freely. The goods listed in it will uphold our reputation as leading jobbers of electrical material that is strictly high grade, while our guarantee, as well as that of the manufacturer, stands back of goods which bear our trade mark "Exemplar"—"the height of excellence."

PETTINGELL-ANDREWS COMPANY.

REMARKS TO CUSTOMERS

HOW TO ORDER.

WE have provided each article with a list number and code word. **We would request that in writing your order you specify article by proper name, and also give list number or code word.** Also state whether shipment should be made by express or by freight, and if a particular line is preferred, specify the same on every order.

TELEGRAPHING.

IN ordering goods by telegraph, use code words, as shown in this catalogue.

LIABILITY.

WE exercise utmost care in packing and shipping merchandise, and obtain proper receipts from the transportation companies. In case of loss or breakage, make claim on the transportation company, for we cannot be held responsible.

RETURN OF GOODS.

ALL possible care is used to fill orders correctly. If orders are not understood, we will write for further information; but when the orders are filled with the material called for, goods cannot be returned without our permission.

When merchandise is returned, after the order has been correctly filled, a charge will be made to cover the cost of handling.

PRICES.

INASMUCH as the cost of considerable material shown in this catalogue is beyond our control, list prices are subject to change without notice.

FINANCIAL STANDING.

TO avoid delay, purchasers with whom we have no account, and who may have no mercantile rating, should accompany their first order with references, or permission to ship with sight draft attached to bill of lading or express C. O. D.

All C. O. D. orders must be accompanied by sufficient funds to cover transportation charges both ways.

TERMS.

OUR terms are thirty days net.

Accounts paid monthly are due the fifteenth of the month following the month of purchase.

TELEGRAPH CODE

MISCELLANEOUS:

Vala .....Your financial standing being unknown, we will send goods C. O. D. unless otherwise instructed.

Valab ....Kindly send us reference as to your financial standing, or shall we ship via freight with draft attached to bill of lading?

Valac .....Will do the best we possibly can.

Valad .....Do the best you possibly can.

Valaf .....Letter in transit with full particulars.

ORDERS:

Valag .....Add to our order No.....

Valah .....Cancel our order No.....

Valak .....Hurry forward goods on our order No.....

Valal .....Hold for instructions our order No.....

Valam ...If you cannot ship in time named advise by telegraph.

Valan .....Instructions by mail.

Valap .....Prepay freight.

Valar .....Shipping instructions will be sent you.

Valas .....Ship immediately.

Valat .....Ship as soon as possible.

Valay .....Ship by express.

Valay .... Ship by fast freight.

Valax .....Ship quickest route.

Valaz .....Send tracer immediately for shipment of.....

Vamab ....Wait receipt of letter before proceeding with order.

Vamac ....Change order No.....

Vamad ....Send C. O. D. by express.

Vamaf ....Ship via freight with draft attached to bill of lading.

Vamag ....What quantity can you ship per day?

Vamah ....Duplicate our order No.....

Vamak ....This is very important.

INQUIRIES:

Vamal ....At what price could you furnish?

Vamam ....Quote us by telegraph.

Vaman ....Quote us by next mail.

Vamap ....Have you in stock?

Vamar ....How soon can you ship?

Vamas ....How soon can you make first shipment, and how fast remainder?

REPLIES:

Vamat .....Unable to give better price.

Vamav ....We cannot accept at the price.

Vamaw ...Can ship at once from stock. if advised immediately.

Vamax ....Can ship at once on receipt of order.

Vamaz ....Can ship in.....

Vasab .....Can begin shipping at once and complete in.....

Vasac .....Can ship within one week from receipt of order if advised at once.

Vasad .....Can ship within two weeks from receipt of order if advised at once.

Vasaf .....Have none in stock.

Vasag .....First shipment will be made.

Vasah .....Have sent tracer as requested.

Vasak .....Too late to cancel order.

Vasal .....Unable to ship goods at time promised.

Vasam ....We ship you to-day.

Vasan ....We expect to ship.

Vasap .....We will complete your order.

Vasar .....We will ship.

Vasas .....We have shipped.

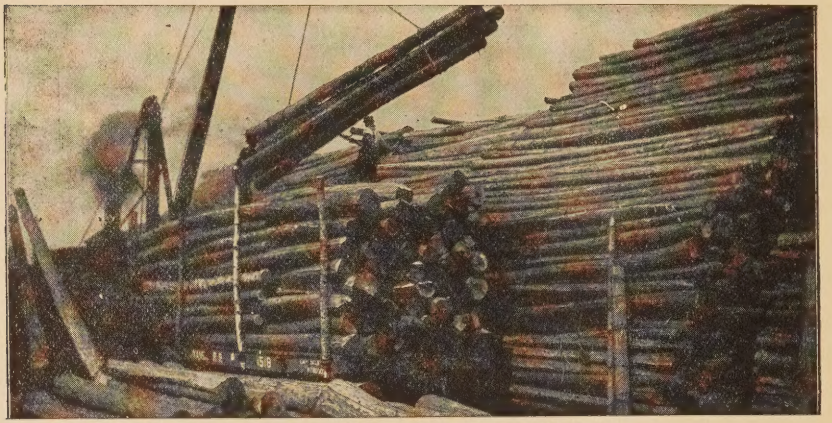
Vasat .....Will advise later regarding balance.

Vasav .....Telegraph shipping instructions for your order No....

Vasaw ....Can deliver part of your order at once. Shall we ship portion or hold till we can make one complete shipment?

Vasay ....Do not understand your order. Send duplicate with full details.

WOOD POLES.



CHESTNUT POLES.

We are prepared to furnish Chestnut Poles at lowest market prices. We will quote prices F. O. B. destination on receipt of inquiry.

In requesting prices, please state whether you wish standard poles or selected poles and also give specifications for butt measurement, if you require same.

Price of Chestnut Poles varies largely according to the selection required.

Code Word.	List No.	Size Pole.	Estimated Weight Lbs
Zaduzi	40641	6-inch Top, 25 feet	500
Zaduzib	40642	7-inch Top, 25 feet	600
Zaduzic	40643	6-inch Top, 30 feet	900
Zaduzid	40644	7-inch Top, 30 feet	1000
Zaduzif	40645	8-inch Top, 30 feet	1100
Zaduzig	40646	6-inch Top, 35 feet	1200
Zaduzih	40647	7-inch Top, 35 feet	1300
Zaduzik	40648	8-inch Top, 35 feet	1400
Zaduzil	40649	7-inch Top, 40 feet	1600
Zaduzim	40650	8-inch Top, 40 feet	1800
Zaduzin	40651	7-inch Top, 45 feet	2000
Zaduzip	40652	8-inch Top, 45 feet	2200
Zaduzir	40653	7-inch Top, 50 feet	2400
Zaduzis	40654	8-inch Top, 50 feet	2700

PRICES ON APPLICATION.

CROSS ARMS.

LONG LEAF YELLOW PINE CROSS ARMS.

Unpainted. Three-quarter Heart Stock.

THESE CROSS ARMS ARE MADE FROM FIRST GROWTH LONG LEAF YELLOW PINE (PINUS PALUSTRIS). THEY ARE GUARANTEED THREE-QUARTER HEART STOCK. THESE ARMS ARE CARRIED IN STOCK IN SIZES AND DIMENSIONS LISTED.

Stock arms are bored with one hole in center for ⅝ inch bolt, 2 pin, 3 foot arms are also carried in stock bored with two holes on angle for ½ inch lags.

Code Word.	List No.	Length of Arm.	Std. Measurements Finished.	No. of Pins.	Size.	End.	Center.	Side.
Zadorib	31599	3 ft.	3¼ x 4¼ in.	2	1½	4	28	..
Zadoric	31600	4 ft.	3¼ x 4¼ in.	4	1½	4	16	12
Zadorid	31601	5½ ft.	3¼ x 4¼ in.	4	1½	4	30	14
Zadorif	31602	6 ft.	3¼ x 4¼ in.	6	1½	4	16	12
Zadorig	31603	8 ft.	3¼ x 4¼ in.	6	1½	5	30	14
Zadorih	31604	8 ft.	3¼ x 4¼ in.	8	1½	4	16	12
Zadorik	31605	10 ft.	3¼ x 4¼ in.	10	1½	4	16	12

List price per lineal foot, $0.16.

We are prepared to furnish this quality of cross arm in all sizes and special spacing, including arms finished size 3½ x 4½ in., 4 x 5 in. and 4 x 6 in.

CREOSOTED.

We are prepared to furnish these arms creosoted under pressure 8 lbs. treatment at an additional cost per foot as follows:

3¼ x 4¼ in.	$0.06
3½ x 4½ in.	.07
3¾ x 4¾ in.	.08
4 x 5 in.	.09

SPRUCE AND HARD PINE CROSS ARMS.

We can also make to order, upon short notice, special size arms to specification, made from spruce or hard pine at our Northern mill.

		No. of Pins.	Size Finished 3¼x4¼			Size Finished 3¾x4¾	
			Inches.	Spruce.	Hard Pine.	Spruce.	Hard Pine.
Zadoril	31606	2	30	$0.34	$0.44	$0.38	$0.50
Zadorim	31607	2	34 or 36	.38	.46	.42	.52
Zadorin	31608	4	48	.52	.64	.60	.76
Zadorip	31609	4	60	.60	.74	.72	.96
Zadorir	31610	4	72	.74	.94	.88	1.12
Zadoris	31611	6	72	.84	1.00	.94	1.20
Zadorit	31612	6	86	.94	1.20	1.08	1.40
Zadoriv	31613	6	96	1.00	1.28	1.20	1.52
Zadoriw	31614	8	96	1.10	1.36	1.28	1.60
Zadorix	31615	8	120	1.20	1.52	1.58	1.80
Zafafap	33449	10	120	1.30	1.60	1.64	2.00

Any boring required included in list price.

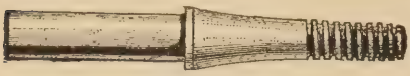
COMMERCIAL SOUTHERN PINE PAINTED CROSS ARMS.

We carry these arms in stock in sizes and dimensions listed herewith.

		Length of Arms.	Std. Measurements Finished.	No. of Pins.	Size.	End.	Centre.	Side.
Zafafar	33450	3 ft.	3¼ x 4¼ in.	2	1½	4	28	..
Zafafas	33451	4 ft.	3¼ x 4¼ in.	4	1½	4	16	12
Zafafat	33452	6 ft.	3¼ x 4¼ in.	6	1½	4	16	12
Zafafav	33453	8 ft.	3¼ x 4¼ in.	8	1½	4	16	12
Zafafaw	33454	10 ft.	3¼ x 4¼ in.	10	1½	4	16	12

List price per lineal foot, $0.10.

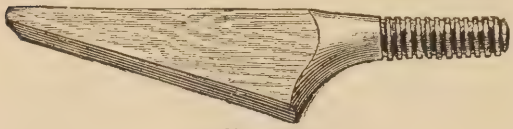
These arms are bored in center with hole for ⅝ inch bolt, except the 2 pin, 3 foot arms which are bored with two holes on angle for ½ inch lags.



No. 1214.

WOOD PINS.

Code Word.	List No.		List Price Per 1,000.
Smooths	1214	Locust, 1½ in. x 9 in., plain	$28.00
Mirages	1216	Oak, 1½ in. x 9 in., plain	18.00
Minnows	1217	Birch, 1½ in. x 9 in., plain	18.00
Miracles	1218	Oak, 1¼ in. x 8 in., plain	14.00



No. 1239.

WOOD BRACKETS.

Arrows	1239	Oak, 10 in., plain	25.00
Agents	16767	Oak, 10 in., painted	26.50
Aids	16768	Oak, 11 in., plain	25.00
Aged	16769	Oak, 11 in., painted	26.50
Atlasy	16770	Oak, 12 in., plain	26.00
Alacritys	16771	Oak, 12 in., painted	27.50
Alarms	16772	Oak, 12 in., plain, big offset	40.00

For electric light work we recommend No. 16772.

No. 16773.

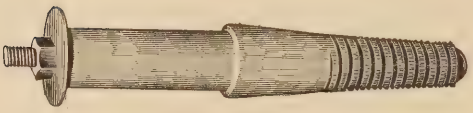
O'NEILL REINFORCED PIN.

(PATENTED.)

Made of selected locust, reinforced with a ⅜ in. Bessemer steel rod. It has all the advantages of a wood pin, with the strength of an iron pin.

Alders	16773	1½ in. x 9 in., plain	120.00

Other sizes to order.



No. 15662.

O'NEILL REINFORCED PIN, WITH CARRIAGE BOLT.

(PATENTED.)

Same as above, reinforced by 10½ in. x ⅜ in. carriage bolt, with nut and 2 in. washer.

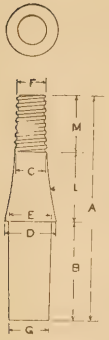
Careers	15662		160.00

No. 1293.

W. U. PATTERN STEEL PIN.

Ambled	1293	½ in. bolt, with wood top	105.00

SPECIAL LOCUST PINS.



Pin No	A	B	C	D	E	F	G	L	M
80	9	4	1 3/16	1 3/4	1 1/2	1	1 7/16	2 3/4	2 1/2
81	11 1/2	4 1/4	1 1/2	2	1 1/2	1	1 7/16	5	2 1/4
82	11 1/2	4 1/4	1 23/64	2	1 1/2	1 1/8	1 7/16	5	2 1/4
83	11 1/2	4 1/4	1 23/64	2 1/4	1 3/8	1 1/8	1 7/16	5	2 1/4
84	15 1/2	6	1 35/64	2 1/8	1 3/4	1 1/8	1 7/16	7 1/4	2 1/4
85	9	4	1 23/64	1 3/4	1 1/2	1 1/8	1 7/16	2 3/4	2 1/4

We are prepared to offer special size Locust Pins made from finest quality split stock. We recommend the sizes listed below. On larger pins, write for information.

Paraffined.

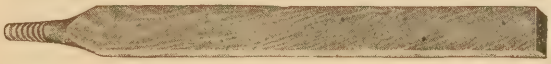
We can furnish these pins Paraffined, at an additional cost of 10% net.

Boiled in Linseed Oil.

We can furnish these pins Boiled in Linseed Oil, at an additional cost of 15% net.

Code Word.	List No.	Inches: Total Length.	Inches: Diameter at Shoulder.	Inches: Diameter Thread.	Approx. Weight Per 1000 in Lbs.	List Price Per 1000
Zafuwex	10135	8	1 3/4	1	340	$25.34
Zafuwey	10136	8	2	1	450	32.00
Zafuwez	10137	8	2 1/4	1	600	42.66
Zafuwi	10138	9	1 3/4	1	425	29.34
Zafuwib	10139	9	1 3/4	1 3/8	450	32.00
Zafuwic	10140	9	2	2	500	37.34
Zafuwid	10141	9	2 1/4	2	650	48.00
Zafuwif	10142	9	2 1/2	2	700	56.00
Zafuwig	10143	10	1 3/4	2	500	37.34
Zafuwih	10144	10	2	2	550	42.66
Zafuwik	10145	10	2 1/4	2	700	50.66
Zafuwil	10146	10	2 1/2	2	750	66.66
Zafuwim	10147	11 1/2	2	2	700	50.66
Zafuwin	10148	11 1/2	2 1/4	2	800	64.00
Zafuwip	10149	11 1/2	2 1/2	2	900	96.00
Zafuwir	10154	13	2	2	700	61.34
Zafuwis	10155	13	2 1/4	2	800	77.34
Zafuwit	10156	13	2 1/2	2	1000	101.34
Zafuwiv	10157	13	2 3/4	2	1400	117.34
Zafuwiw	10158	15 1/2	2 1/4	2	1200	106.66
Zafuwix	10159	15 1/2	2 1/2	2	1400	133.34
Zafuwiy	10160	15 1/2	2 3/4	2	2000	173.34
Zafuwiz	10161	17	2 1/4	2	1600	160.00
Zafuwo	10162	17	2 1/2	2	1800	205.34
Zafuwob	38953	17	2 3/4	2	2200	240.00
Zafuwoc	38954	17	3	2	2800	288.00
Zafuwod	38955	18 1/2	2 1/4	2	1700	186.66
Zafuwof	38956	18 1/2	2 1/2	2	1900	242.66
Zafuwog	38957	18 1/2	2 3/4	2	2500	288.00
Zafuwoh	38958	18 1/2	3	2	3100	336.00
Zafuwok	38959	20	2 1/2	2	2500	262.66
Zafuwol	38960	20	2 3/4	2	2800	312.00
Zafuwom	38961	20	3	2	3500	386.66

POLE TOP EXTENSIONS



These are made from best quality selected oak stock 3 feet long, 2 inches x 3 inches finished. These are bored at the bottom with three holes staggered to fasten on pole. They are threaded on the top with standard size thread.

Zafuwon 38962 3 feet x 2 inches x 3 inches..... .40

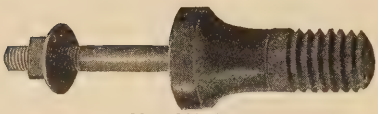
DROP-FORGED STEEL PINS.

No. 45173.

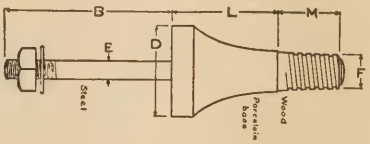
Code Word.	List. No.		List Price per 100.
Zoxeb	45173	1½-inch, of uniform quality and size, with perfect thread, without screw and washer	$50.00
Zoxed	45174	1½-inch, of uniform quality and size, with perfect thread, with screw and washer	55.00

HIGH VOLTAGE PINS.

STEEL PINS, WITH PORCELAIN BASES.



No. 44059.

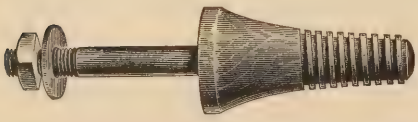


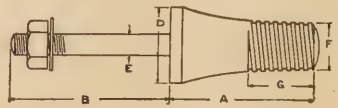
Code Word.	List No.	Mfr. No.	Dimensions in Inches. B	D	E	F	L	M	Base No.	Weight, Packed.
Zofar	44055	1	4⅞	2¼	½	1	2¼	2⅜	1	1¼ lbs.
Zofas	44056	2	4¾	2⅝	½	1	3	1¾	2	1½ lbs.
Zofat	44057	3	4⅞	2⅝	½	1	3	2⅜	2	1⅝ lbs.
Zofav	44058	4	4½	2¼	½	1	2¼	1¾	1	1¼ lbs.
Zofaw	44059	5	6	2¼	⅝	1⅜	2¼	2¼	3	1⅞ lbs.
Zofax	44060	16	5¼	3	½	1⅜	3½	2¼	4	2 lbs.
Zofaz	44061	17	5¼	3	⅝	1⅜	3½	2¼	4	2½ lbs.
Zofe	44062	18	6½	4¼	⅝	1⅜	6	2¾	5	5½ lbs.
Zofeb	44063	19	5¼	2⅝	½	1⅜	3	2¾	2	1⅝ lbs.
Zofed	44064	20	¾	2⅝	7-16	1	3	1¾	2	1⅛ lbs.
Zofef	44065	21	5½	3	½	1⅜	3½	3½	4	2⅛ lbs.
Zofeg	44066	22	5½	3	⅝	1⅜	3½	3½	4	2⅝ lbs.
Zofeh	44067	24	¾	3	½	1⅜	3½	2¼	4	1¾ lbs.
Zofek	44068	25	1	3	½	1⅜	3½	3½	4	1⅞ lbs.
Zofel	44069	26	⅞	2¼	7-16	1	2¼	2⅜	1	⅞ lbs.
Zofem	44070	27	1⅛	2⅝	½	1	3	2⅜	2	1⅛ lbs.
Zofen	44071	30	6½	4¼	¾	1⅜	6	4½	5	6 lbs.
Zofep	44072	42	6½	4½	¾	1⅜	8	3½	42	8 lbs.

Pins Nos. 20, 24, 25, 26 and 27 can be used with angle or channel iron for switchboard and similar work, or for iron cross-arms.

All pin bases are glazed brown, unless specially ordered.

STEEL PIN, WITH ALL WOOD TOP.





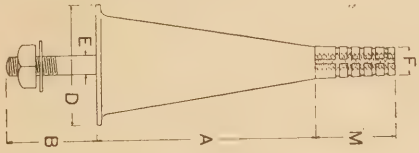
Code Word.	List No.	Mfr. No.	Dimensions in Inches. A	B	D	E	F	G	Weight Packed.
Zofer	44073	6	4	5	2¼	⅝	1⅜	1½	1⅝ lbs.
Zofes	44074	7	4½	6	2¼	⅝	1⅜	2	1⅞ lbs.
Zofet	44075	8	4½	5	1⅞	½	1	2	1 lb.
Zofev	44076	10	4½	5	1⅞	7-16	1	2	¾ lb.
Zofew	44077	12	3½	5	1⅞	½	1	1¾	⅞ lb.
Zofex	44078	13	5¼	5¼	2¼	½	1	2¼	1¼ lbs.
Zofez	44079	31	5¾	4¾	2¼	½	1	2¼	1⅛ lbs.
Zofi	44080	32	5¾	4¾	2¼	½	1⅜	2¼	1⅞ lbs.
Zofib	44081	34	4½	1	1⅞	⅝	1⅜	2	⅝ lb.
Zofid	44082	35	5¼	1¼	2¼	7-16	1	2¼	¾ lb.

Prices Quoted on Application.

HIGH VOLTAGE PINS.

SEPARABLE THIMBLE "LEE" PINS.

The tops of these pins are threaded thimbles, which are cemented into the insulators, at the factory, insuring proper and economical cementing and allowing easy erection and repair in the field. The conical bases and thimbles are cast iron and the bolts are steel, threaded at each end.

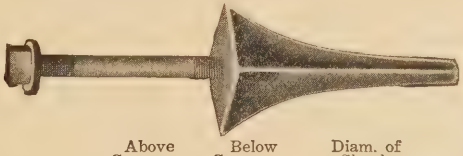


Code Word.	List No.	Mfr. No.	A Inches	B Inches	D Inches	E Inches	F Inches	M Inches	Net Wgt. Lbs.
Zovob	44875	98	4¼	5¾	3	9/16	⅞	2	1½
Zovod	44876	107	12¾	6	4¾	3/4	1½	3½	11¾
Zovof	44877	108	9¾	7	5	3/4	1⅛	3¼	8¾
Zovog	44878	113	5¾	7	4	3/4	1⅛	3¼	4¾
Zovov	44888	114	4¾	7	4	3/4	1⅛	3¼	5
Zovow	44889	117	12½	2	7	3/4	1⅛	3¾	12¼

MALLEABLE IRON PINS.

(Steel Shank.)

These pins to be cemented into insulators.

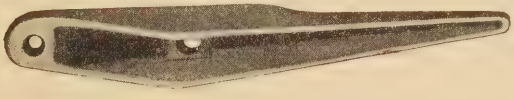


			Above Cross-arm Inches.	Below Cross-arm Inches.	Diam. of Shank Inches.	Size of Base Inches.	
Zacolov	25155	99	5	7	¾	3 x 3	3
Zacolow	25156	100	9	7	¾	4 x 4	4½

We are prepared to furnish above pins with lead thimbles, avoiding cementing.

MALLEABLE IRON POLE TOP PIN.

To be attached to pole by lags or bolts.



			Length Inches.	Distance Between Holes, Inches.	Diam. Top Hole, Inches.	Diam. Bottom Hole, Inches.	
Zacolox	25157	125	17	5	⅞	⅝	4½
Zacoloy	25158	127	27	6	⅞	⅝	9½

We can furnish these with lead thimbles or with separable iron thimbles.

POLE TOP RIDGE IRONS.

Complete With Pins.

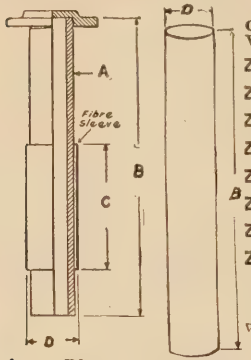
Dimensions in Inches.

			Height Over All.	Height of Iron.	Between Legs.	Size Iron.	Pin Used, No.	Use Block No.	Weight Pkd. Lbs.
Zovoh	44879	27	11⅝	7	6	1/8 x 2¼	44064	29	2⅝
Zovok	44880	28	11¾	7	6	1/8 x 2¼	44070	29	2⅞
Zovol	44881	38	12⅜	7	6	1/8 x 2¼	44067	29	3
Zovom	44882	48	13¾	8	7	3/16 x 2¾	44068	30	5½
Zovon	44883	58	15	8	7	3/16 x 2¾	44081	30	5⅝
Zovop	44384	68	11½	7	6	1/8 x 2¼	44082	29	2½
Zovor	44885	78	13¼	8	7	3/16 x 2¾	44064	30	4⅝
Zovos	44886	88	12¾	8	7	3/16 x 2¾	44070	30	4¾
Zovot	44887	98	13⅜	8	7	3/16 x 2¾	44070	30	4½

HIGH VOLTAGE PINS.

STRAIN PINS.

These pins are designed for use with strain insulators. The wood pins are straight grained, treated with paraffine; the iron pins are extra heavy standard pipe provided with special fitting at top to cover holes in pipe and cross-arm. The iron pins include fibre tubes as cushion between the insulator and pin. Both the wood and iron pins are designed for cross-arms 4¼ inches thick, but extra length is allowed for thicker arms.

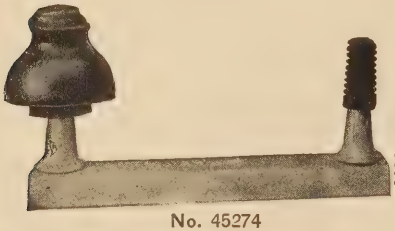


Iron Pin Wood Pin

Code Word.	List No.	Mfr. No.	Material	Dimensions in Inches. A	B	C	D
Zozi	45266	61	Wood	....	16	....	1½
Zozib	45267	62	Wood	....	18	....	2
Zozid	45268	63	Wood	....	20	....	2
Zozif	45269	64	Wood	....	23	....	2
Zozig	45270	65	Iron	1.32	16	4	1 9-16
Zozih	45271	66	Iron	1.9	18	5	2 1-32
Zozik	45272	67	Iron	1.9	20	7	2 1-32
Zozil	45273	68	Iron	1.9	23	8	2 1-32

The iron pins can be furnished plain or galvaniezd. Plain will be furnished unless otherwise specified.

HIGH VOLTAGE BRACKETS.



No. 45274

These brackets and break-arms, except No. 21, are fitted with galvanized base pins. They are forged from heavy stock and will not break. These fittings are furnished galvanized only.

BREAK-ARMS.

Code Word	List No.	Mfr. No.	Distance Bet. Pins.	Length Over All	Weight. Net
Zozim	45274	20	12 in.	14¼ in.	4 lb.
Zozin	45275	21*	12 in.	14¼ in.	4¼ lb.

*Same as No. 20 except No. 26 porcelain base pins instead of galvanized pins.

No. 45276

SIDE BRACKETS.

Code Word	List No.	Mfr. No.	No. of Pins	Distance Bet. Pins	Length Over All	Weight, Net
Zozip	45276	22	1	.....	5 in	2 lb.
Zozir	45277	23	2	6½ in.	9 in	3½ lb.
Zozis	45278	24	3	6 in.	14 in	5½ lb.

No. 45279

UPRIGHT SIDE BRACKETS.

Zozit	45279	25	2	8 in.	16 in.	3¾ lb.
Zoziv	45280	26	4	8 in.	32 in.	7 lb.

Prices Quoted on Application.

CROSS ARM SPACING BOLTS.

Furnished complete with nuts and 2¼ x 2¼ x 3/16 washers.

Code Word.	List No.		List Price, Per 100.
Zowuw	45151	½ x 12	$14.06
Zowux	45152	½ x 14	15.10
Zowuz	45153	½ x 16	16.14
Zoxa	45154	½ x 18	17.18
Zoxab	45155	½ x 20	18.22
Zoxad	45156	⅝ x 12	18.18
Zoxaf	45157	⅝ x 14	19.70
Zoxag	45158	⅝ x 16	21.22
Zoxah	45159	⅝ x 18	22.74
Zoxak	45160	⅝ x 20	24.26

We furnish these either plain or galvanized.

MALLEABLE IRON BRACKETS.

No. 45161.

			Mfr. No.	List Price. Each.
Zoxal	45161		1020	.16

No. 45162.

Zoxam	45162		1018	.20

No. 45163.

Zoxan	45163		1027	.46

MALLEABLE IRON PINS AND BRACKETS.

No. 18336.

The broad base will prevent it from bending under the most excessive strain. It may be used on cross arm or pole.

Code Word.	List No.	Mfr. No.		List Price, Per 100.
Zaxig	18336	1	Screw pin	$14.50

No. 18337.

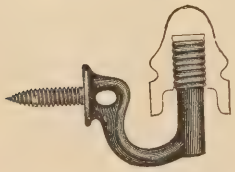
The lugs about the base of this pin eanble it to be easily turned with a wrench, and also forms a firm shoulder for the pin.

Zaxih	18337	20	Screw pin	15.00

No. 18338.

This pin is especially adapted for bored cross arms. The ears may be bent over the edge of the hole after the pin is in place—a feature found only in malleable pins.

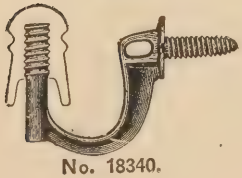
Zaxik	18338	30	Iron pin	21.00



No. 18339.

This hook is especially adapted for service wires which are carried about four inches from the base.

Zaxil	18339	4	Window or Cornice Hook	20.00



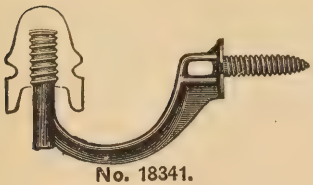
No. 18340.

Designed to be used with either a deep groove or a pony glass insulator. The wire is carried about four inches from the base.

Zaxim	18340	40	Window or Cornice Hook	24.00

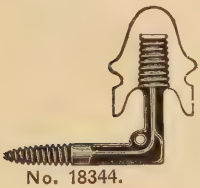
MALLEABLE IRON PINS AND BRACKETS

(Continued).



No. 18341.

No. 18343.



No. 18344.

No. 18345.

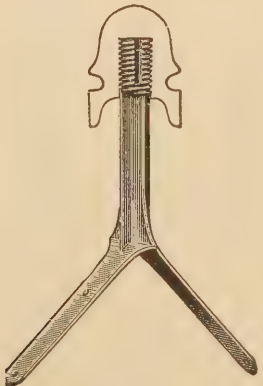
No. 18346.

Code Word.	List No.	Mfr. No.		List Price Per 100.
Zaxin	18341	41	Window or cornice hook.	$29.00
Zaxip	18342	42	Same as above, but heavier	42.00
Zaxir	18343	45	To attach with screws...	18.00
Zaxis	18344	47	Cornice hook.....	13.00
Zaxit	18345	5	Cornice hook.....	28.00
Zaxiv	18346	55	Heavy cornice hook.....	40.00

RIDGE IRON.

Held in place by nails or screws. The wire is carried well away from the support.

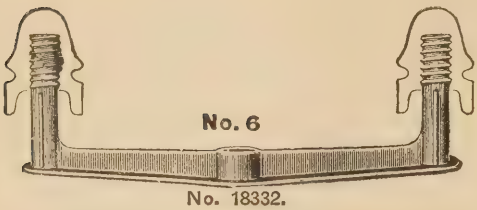
Zaxiw	18347	8	.....	22.00



No. 18347.

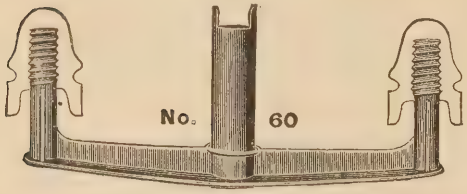
MALLEABLE IRON PINS AND BRACKETS

(Continued).



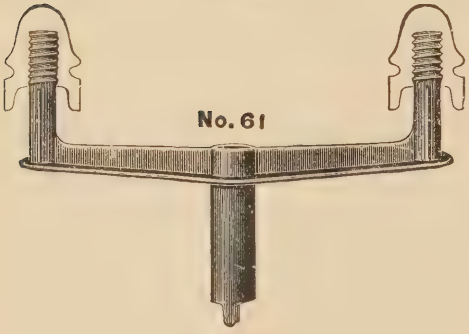
No. 18332.

Code Word.	List No.	Mfr. No.		List Price, Per 100.
Zaxi	18332	6	break arm, bolt fastened	.....$50.00



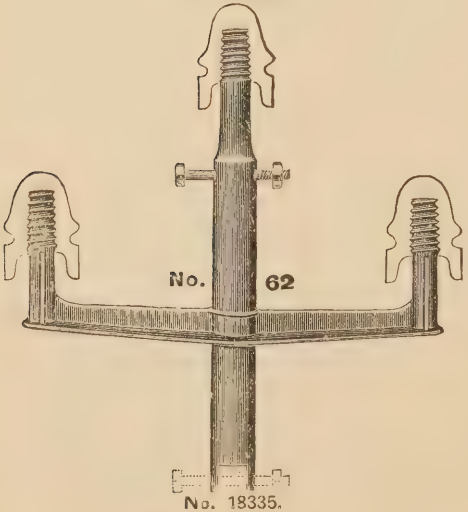
No. 18333.

Zaxib	18333	60	break arm.....	55.00



No. 18334.

Zaxib	18334	61	break arm.....	55.00



No. 18335.

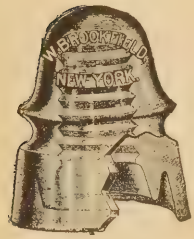
Zaxif	18335	62	branch arm....	90.00

BROOKFIELD GLASS INSULATORS.

No. 307.

REGULAR.

Code Word.	List No.	Number Packed in Bbl.	Approx. Weight Lbs., Per Bbl.	List Price Per 1,000.
Hook	307	250	271.....	$60.00



No. 308.

EXTRA DEEP GROOVE, DOUBLE PETTICOAT.

Hoop	308	165	261.....	70.00

No. 43340.

DEEP GROOVE, DOUBLE PETTICOAT.

Ides	43340	175	265.....	70.00

No. 43338.

DEEP GROOVE.

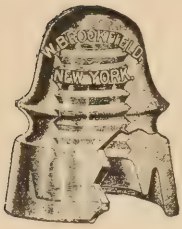
Hominy	43338	200	251.....	60.00

No. 43339.

PONY.

Hostile	43339	350	251.....	40.00

BROOKFIELD GLASS INSULATORS



No. 313.

PONY, DOUBLE PETTICOAT.

Code Word.	List No.	No. Packed in bbl.	Approx. Weight, Pounds per bbl.	List Price Per 1,000.
Idiom	313	275	257	$50.00

No. 314.

NATIONAL PONY.

Voluzi	314	300	258	50.00

No. 315.

LONG DISTANCE.

Obvert	315	225	250	60.00

No. 316.

WESTERN UNION.

Operatic	316	200	286	70.00

No. 317.

PONY, DOUBLE GROOVE.

Orchis	317	340	275	40.00

BROOKFIELD GLASS INSULATORS

No. 318.

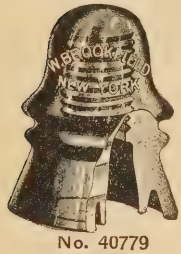
DOUBLE PETTICOAT.

Code Word.	List No.	Number Packed in Bbl.	Approx. Wt. Lbs. Per Bbl.	List Price Per 1,000
Ovate	318	165	261	$70.00

No. 319.

LARGE DOUBLE GROOVE.

Packet	319	165	280	70.00



No. 40779

BELL DOUBLE PETTICOAT.

Pacific	40779	165	261	75.00

No. 40780.

O'BRIEN PATENT.

Paction	40780	225	223	60.00

No. 340.

BROWN PONY.

Panel	340	350	228	70.00

No. 40781.

BROWN DEEP GROOVE.

Platonic	40781	250	250	75.00

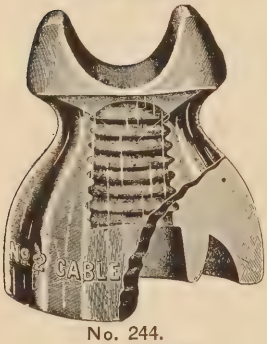
BROOKFIELD GLASS INSULATORS

No. 40786.

CABLE.

Code Word.	List No.	Number Packed in Bbl.	Approx. Wt. Lbs. Per Bbl.	List Price Per 1,000
Pageant	40786	110	231	$150.00

Height, 4½ in. Top Groove, 1⅛ in. Side Groove, 1 in. Diam., 3½ in.



No. 244.

NO. 2 CABLE.

Uproar	244	125	250	140.00

Height, 4 in. Top Groove, 1¼ in. Side Groove, 1⅛ in. Diam, 3¾ in.

No. 245.

NO. 3 CABLE.

Unyoke	245	50	198	180.00

Height, 5½ in. Top Groove, 2 in. Side Groove, 1¾ in. Diam., 4¼ in.

No. 247.

NO. 4 CABLE.

Usage	247	50	194	500.00

Height, 5½ in. Top Groove, 2¼ in. Side Groove, 1⅛ in. Diam., 4 in.

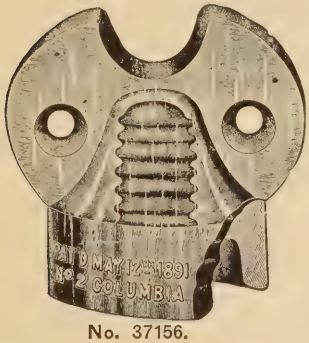
BROOKFIELD GLASS INSULATORS.

No. 40782.

COLUMBIA.

Code Word.	List No.	Number Packed in Bbl.	Approx. Wt. Lbs. Per Bbl.	List Price Per 1,000
Poignant	40782	78	223	$200.00

Height, 4¾ in.; Diameter, 4 in.; Groove, 1⅜ in.

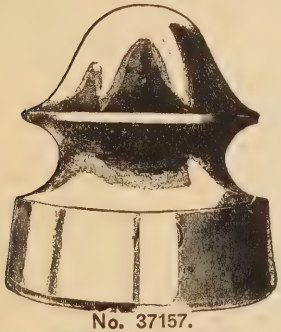


No. 37156.

NO. 2 COLUMBIA.

Krimsos	37156	110	189	120.00

Height, 4 in.; Diameter, 3¼ in.; Groove, 1⅜ in.



No. 37157.

JUMBO.

REQUIRES SPECIAL PIN.

Krimpdarm	37157		244	450.00

Height, 5¾ in.; Groove, 1½ in.; Diameter, 5 in.

No. 37158.

NEW JUMBO.

REQUIRES SPECIAL PIN.

Krimpen	37158		210	550.00

Height, 7 in.; Side Groove, 1½ in.; Top Groove, 2 in.; Diameter, 5 in.

VICTOR INSULATORS.

Commercial Test of 75,000 Volt Insulators at 175,000 Volts, at Victor.

We are New England agents for "VICTOR" Insulators, and show in this catalogue a representative line of glass and porcelain insulators and pins for moderate voltages.

We are prepared to furnish promptly full data, with drawings and prices, with samples, if desired, covering insulators for all commercial voltages. This material includes suspension insulators, anchorage insulators, porcelain bushings and tubes, bus-bar insualtors, and all styles of wood and metal pins.

All Sizes of Porcelain Tubes for High Voltages.

LOCKE GLASS INSULATORS

FLINT GLASS INSULATORS

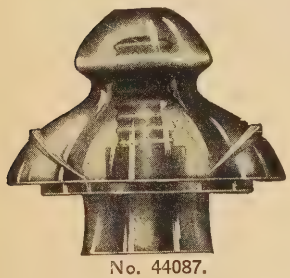
No. 44089.

	Zofin	Zofip
Code Word		
List No.	44089	44090
Mfr. No.	15	20
Diameter	4⅜ in.	4⅜ in.
Height	4⅛ in.	3⅞ in.
Top groove, diameter	None.	1 in.
Side groove, diameter	⅜ in.	⅞ in.
Weight, packed	2¼ lbs.	2½ lbs.
Number per barrel	100	120
Sparking distance, Wet	1¾ in.	1⅝ in.
Line voltage	6,600	6,600
Size pin hole	1 in.	1 in.
Use pin No.	4, 8, 20 or 34	4, 8, 20 or 34
Use ridge iron No.	28, 68 or 88	28, 68 or 88

No. 44090.

No. 44086.

	Zofih	Zofik	Zofii
Code Word			
List No.	44085	44086	44087
Mfr. No.	16	17A	18
Diameter	5⅞ in.	7 in.	5½ in.
Height	4½ in.	4⅜ in.	5 in.
Top groove, diameter	1 in.	1⅛ in.	None.
Side groove, diameter	¾ in.	⅝ in.	½ in.
Weight, packed	4¼ lb.	7½ lb.	3½ lb.
Number per barrel	40	33	50
Sparking distance, Wet.	2⅝ in.	3 in.	2½ in.
Line voltage	18,000	20,000	18,000
Size pinhole	1 in.	1⅜ in.	1 in.
Use pin No.	3, 13, 27 or 35	16, 17, 19 or 24	3, 13, 27 or 35
Use ridge iron No.	38, 78 or 98	48	38, 78 or 98



No. 44087.

Nos. 44083 and 44084.

	Zoflf	Zofig
Code Word		
List No.	44083	44084
Mfr. No.	19	23
Diameter	7⅜ in.	9 in.
Height	6 in.	6 in.
Top groove, diameter	1⅛ in.	1⅛ in.
Side groove, diameter	1 in.	1 in.
Weight, packed	7 lb.	9½ lb.
Number per barrel	30	20
Sparking distance, Wet.	3¾ in.	4¾ in.
Line voltage	23,000	27,000
Size pinhole	1⅜ in.	1⅜ in.
Use pin No.	16, 17, 19 or 24	16, 17, 19 or 24
Use ridge iron No.	48	48

Prices Quoted on Application.

LOCKE PORCELAIN TELEPHONE INSULATORS.

No. 44102.

No. 44101.
Transposition Insulator.

No. 44100.
Transposition Insulator.

	Zofog	Zofof	Zofod
Code Word	44102	44101	44100
List No.	9	8A	7
Mfr. No.	2 5/16 in.	3 1/2 in.	3 3/8 in.
Diameter	3 in.	4 5/8 in.	3 1/2 in.
Height	3/8 in.	5/16 in.	3/8 in.
Diameter of wire groove	3/5 lb.	1 1/2 lbs.	1 1/2 lbs.
Weight, packed	400	150	120
Number per barrel	1 in.	1 in.	1 in.
Size pinhole			

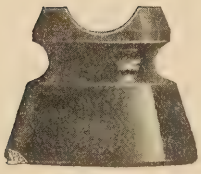
No. 44091.

LOCKE FLINT GLASS TRANSPOSITION INSULATOR.

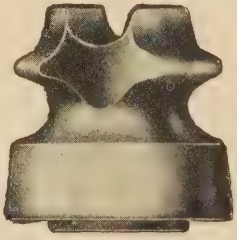
	Zofir
Code Word	44091
List No.	14
Mfr. No.	3⅞ in.
Diameter	4½ in.
Height	None
Top groove, diameter	⅜ in.
Side groove, diameter	2¼ lbs.
Weight, packed	100
Number per barrel	1 in.
Size pinhole	

Standard 1½ x 9 Oak or Locust Pins are commonly used with these Insulators.

LOCKE PORCELAIN INSULATORS.—CABLE INSULATORS.



No. 44096.



Nos. 44097 and 44098.

No. 44099.

	Zofix	Zofiz	Zofo	Zofob
Code Word	44096	44097	44098	44099
List No.	2	5A	55	47
Mfr. No.	3 3/4 in.	4 1/4 in.	4 1/4 in.	3 1/2 in.
Diameter	3 in.	4 1/16 in.	4 5/16 in.	4 3/8 in.
Height	1 1/4 in.	1 7/8 in.	1 7/8 in.	1 1/2 in.
Top groove, diameter	5/8 in.	1 1/2 in.	1 1/2 in.	7/8 in.
Side groove, diameter	1 1/2 lbs.	2 3/4 lbs.	2 3/4 lbs.	1 1/2 lbs.
Weight, packed	200	100	100	200
Number per barrel	1 1/4 in.	1 1/2 in.	1 1/2 in.	1 1/8 in.
Sparking distance, Wet	6,600	10,000	10,000	6,600
Line voltage	1 in.	1 3/8 in.	1 3/8 in.	1 in.
Size pinhole	12 or 34	5 or 6	5 or 6	4, 12, 20 or 24
Use pin No.				

PRICES QUOTED ON APPLICATION.

LOCKE PORCELAIN INSULATORS—(Continued).

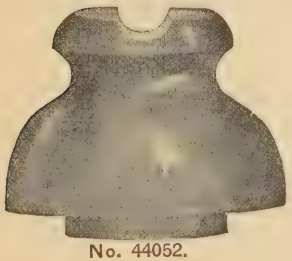
ONE PIECE INSULATORS.

Nos. 44048 and 44049.

Code Word	Zofag	Zofah
List No.	44048	44049
Mfg. No.	296	297
Diameter	4½ in.	5 in.
Height	4⅛ in.	4⅛ in.
Top groove, diameter	1⅛ in.	⅝ in.
Side groove, diameter	1 in.	¾ in.
Weight, packed	2⅛ lb.	2½ lb.
Number per barrel	100	100
Sparking distance, Wet	1¾ in.	2⅛ in.
Test voltage	40,000	40,000
Line voltage	10,000	11,000
Size pinhole	1 in.	1 in.
Use pin No.	2, 4, 8, 20 or 34	2, 8, 20 or 34
Use ridge iron No.	28, 68 or 88	28, 68 or 88

Nos. 44050 and 44051.

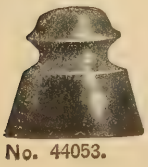
Code Word	Zofak	Zofal
List No.	44050	44051
Mfg. No.	298	303
Diameter	5½ in.	6⅜ in.
Height	3½ in.	4¼ in.
Top groove, diameter	¾ in.	¾ in.
Side groove, diameter	¾ in.	¾ in.
Weight, packed	2⅛ lb.	2⅝ lb.
Number per barrel	100	75
Sparking distance, Wet	2½ in.	3⅛ in.
Test voltage	40,000	50,000
Line voltage	14,000	17,000
Size pinhole	1 in.	1⅜ in.
Use pin No.	4, 8, 20 or 34	7, 16, 17, 19 or 24
Use ridge iron No.	28, 68 or 88	48



No. 44052.

No. 44054.

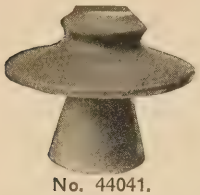
Code Word	Zotam	Zofan	Zofap
List No.	44052	44053	44054
Mfg. No.	12	40	44
Diameter	3¾ in.	3¼ in.	3¼ in.
Height	3 in.	2⅞ in.	3⅜ in.
Top groove, diameter	½ in.	None.	None.
Side groove, diameter	⅜ in.	⅝ in.	⅝ in.
Weight, packed	1½ lb.	⅞ lb	1¼ lb.
Number per barrel	150	200	160
Sparking distance, Wet.	1¼ in.	1 in.	1 in.
Line voltage	6,600	4,000	4,000
Size pinhole	1 in.	1 in.	1 in.
Use pin No.	12 or 34	12 or 34	12 or 34
Use ridge iron No.	68	68	63



No. 44053.

Prices Quoted on Application.

LOCKE PORCELAIN INSULATORS.

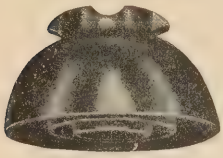


No. 44041.
Two-Piece, Cemented.

TWO-PIECE INSULATORS, CEMENTED.

Code Word	Zoduw	Zodus	Zodux
List No.	44041	44038	44042
Mfr. No.	408A	408B	409
Diameter	8 in.	8 in.	9 in.
Height	6½ in.	8⅝ in.	8¾ in.
Top groove, diameter	1 in.	1 in.	⅞ in.
Side groove, diameter	⅞ in.	⅞ in.	¾ in.
Weight, packed	5½ lbs.	8 1/3 lbs.	9 lbs.
Number per barrel	30	15	5
Sparking distance, Wet.	4½ in.	5 in.	5¼ in.
Test voltage		75,000	75,000
Line voltage	27,000	30,000	30,000
Size pinhole	1⅜ in.	1⅜ in.	1⅜ in.
Use pin No.	21, 22 or 25	23, 28 or 109	23, 28 or 109
Use ridge iron No.	58	108	108

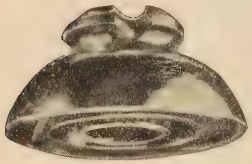
Nos. 44038 and 44042.
Two-Piece, Cemented.



No. 44044.

TWO-PIECE INSULATORS, GLAZED.

Code Word	Zoduz	Zofa	Zofab	Zodom
List No.	44043	44044	44045	44016
Mfr. No.	3	3½	3 3/4	406B
Diameter	5¼ in.	6 in.	6 1/2 in.	5 3/4 in.
Height	4 in.	3¾ in.	4 in.	3 3/4 in.
Top groove, diam.	⅞ in.	⅞ in.	7/8 in.	7/16 in.
Side groove, diam.	¾ in.	⅜ in.	9/16 in.	7/16 in.
Weight, packed	3½ lbs.	3½ lbs.	4 lbs.	2 3/4 lbs.
No. per barrel	60	50	50	70
Spark'g dist., Wet.	2⅛ in.	2⅜ in.	2 5/8 in.	2 3/4 in.
Test voltage	50,000	55,000	60,000	50,000
Line voltage	17,000	17,000	23,000	16,000
Size pinhole	1 in.	1 in.	1 3/8 in.	1 in.
Use pin No.	4, 8, 20 or 34	2, 8, 13, 20, 34 or 35	7, 16, 17 or 24	4, 8, 20 or 34
Use ridge iron No.	28, 68, or 88	28, 68, 78 or 88	48	28 or 68

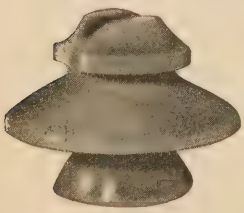


Nos. 44045 and 44043.

No. 44046.
Two-Piece, Glazed.

TWO-PIECE INSULATORS, CEMENTED.

Code Word	Zofad	Zofaf
List No.	44046	44047
Mfr. No.	2012	407
Diameter	6½ in.	6½ in.
Height	5¼ in.	5¼ in.
Top groove, diameter	1¼ in.	1¼ in.
Side groove, diameter	½ in.	½ in.
Weight, packed	4½ lbs.	4½ lbs.
Number per barrel	40	40
Sparking distance, Wet.	3¾ in.	3¾ in.
Test voltage	60,000	60,000
Line voltage	20,000	20,000
Size pinhole	1⅜ in.	1 in.
Use pin No.	5, 7, or 24	3, 13, 27 or 35
Use ridge iron No.	48	38 or 98



No. 44047.
Two-Piece, Cemented.

PRICES QUOTED ON APPLICATION.

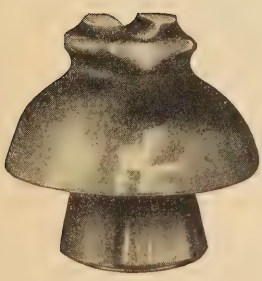
LOCKE PORCELAIN INSULATORS.

THREE-PIECE INSULATORS, CEMENTED.

No. 44014.

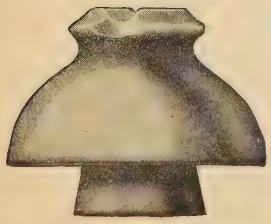
Code Word	Zodok	Zodol	Zofim
List No.	44014	44015	44088
Mfr. No.	311	315	312
Diameter	8⅜ in.	9½ in.	8½ in.
Height	6⅞ in.	7⅞ in.	7⅞ in.
Top groove, diam.	¾ in.	⅞ in.	¾ in.
Side groove, diam.	⅝ in.	⅝ in.	⅝ in.
Weight, packed	10 lbs.	12½ lbs.	12 lbs.
Number per barrel	18	16	14
Sparking dist., Wet	4½ in.	5⅜ in.	6¾ in.
Test voltage	80,000	100,000	80,000
Line voltage	35,000	45,000	35,000
Size pinhole	1⅜ in.	1⅜ in.	1⅜ in.
Use pin No.	21, 22 or 25	21, 22, 25 or 18	23, 28 or 113
Use ridge iron No.	56	58	108

TWO-PIECE INSULATORS.



No. 44019 Glazed, and
Nos. 44020 and 44023, Cemented.

Code Word	Zodor	Zodos	Zodow
List No.	44019	44020	44023
Mfr. No.	100	107	103
Diameter	7 in.	7 in.	7 in.
Height	5⅞ in.	6½ in.	6½ in.
Top groove, diam.	1 in.	1 in.	1 in.
Side groove, diam.	⅞ in.	⅞ in.	⅞ in.
Weight, packed	5½ lbs.	6½ lbs.	6¼ lbs.
Number per barrel	30	30	30
Sparking dist., Wet	3½ in.	3½ in.	3½ in.
Test voltage	70,000	70,000	70,000
Line voltage	27,000	27,000	27,000
Size pinhole	1⅜ in.	1 in.	1⅜ in.
Use pin No.	7, 16, 17, 19 or 24	3, 13, 27 or 35	7, 16, 17, 19 or 24
Use ridge iron No.	48	38, 78 or 98	48



Nos. 44021 and 44022, Cemented.

Code Word	Zodot	Zodov
List No.	44021	44022
Mfr. No.	101	102
Diameter	7 in.	7 in.
Height	5 in.	5 in.
Top groove, diam.	1 in.	1 in.
Side groove, diam.	⅞ in.	⅞ in.
Weight, packed	5 lb.	5 lb.
Number per barrel	35	35
Sparking dist., Wet	3 in.	3 in.
Test voltage	60,000	60,000
Line voltage	23,000	23,000
Size pinhole	1⅜ in.	1 in.
Use pin No.	16, 19 or 24	3, 13, 27 or 35
Use ridge iron No.	48	38, 78 or 98

PRICES QUOTED ON APPLICATION.

LOCKE PORCELAIN INSULATORS.

Nos. 44024 and 44025.

STRAIN INSULATORS.

Code Word	Zobox	Zoboz
List No.	44024	44025
Mfr. No.	603	606
Diameter	8 in.	10¼ in.
Height	8¼ in.	12⅝ in.
Diameter of wire groove	1 in.	⅞ in.
Small diameter of hole	2 3-16 in.	2 3-16 in.
Sparking distance, Wet	2¼ in.	4¼ in.
Test voltage	60,000	90,000
Line voltage	23,000	35,000
Number per barrel	10	5
Weight each, packed	12 lb.	25 lb.
Use strain pin No.	62 or 66	64 or 68

No. 44026.

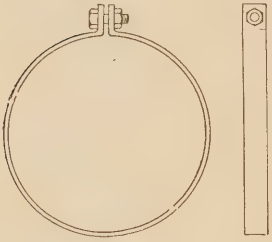
Code Word	Zodu	Zodub	Zodud
List No.	44026	44027	44028
Mfr. No.	600	601	605
Diameter	7¾ in.	5¾ in.	8½ in.
Height	6⅞ in.	6 in.	9⅝ in.
Diameter groove	½ in.	1 in.	⅝ in.
Small diameter of hole.	2¼ in.	1 11-16 in.	2 3-16 in.
Sparking distance, Wet.	1¾ in.	1¼ in.	2⅜ in.
Test voltage	50,000	40,000	60,000
Line voltage	15,000	10,000	23,000
Number per barrel	12	20	8
Weight each, packed	10 lb.	8 lb.	14½ lb.
Use strain pin No.	62 or 66	61 or 65	63 or 67

WALL INSULATORS.

No. 44030.

These insulators are used to protect high voltage wires in passing through walls. They are made of concentric porcelain rings, cemented together.

Code Word.	List No.	Mfr. No.	Small O. D.	Length.	Diam. of Hole.	Test Voltage.	Line Voltage.
Zoduf	44029	650	2 in.	8 in.	1 in.	45,000	10,000
Zodug	44030	651	4¾ in.	8 in.	1 in.	60,000	17,000
Zoduh	44031	652	7½ in.	10 in.	1 in.	75,000	27,000
Zoduk	44032	653	10¼ in	10 in.	1 in.	85,000	40,000
Zodul	44033	654	13 in.	12 in.	1 in.	120,000	60,000
Zodum	44034	655	15¾ in.	12 in.	1 in.	130,000	70,000
Zodun	44045	656	18½ in.	14 in.	1 in.	160,000	80,000
Zodup	44036	657	18½ in.	14 in.	1 in.	160,000	80,000



BANDS FOR WALL INSULATORS.

No.	Inside. Diam.	For Insulator Mfr. No.
1	2″	650
2	4¾″	651 and 661
3	7½″	652 and 662
4	10¼″	653 and 663
5	13″	654 and 664
6	15¾″	655 and 665
7	18½″	656, 657, 666 and 667

These bands are all made of ¼ in. by 1 in. iron, with ½ in. square head bolts. Furnished plain or galvanized.

No. 44037.

FLOOR TUBE.

For Voltages up to 23,000.

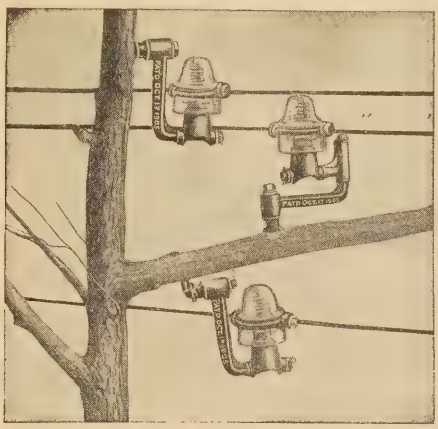
Code Word	Zodur
List No.	44037
Mfr. No.	190
Length of head	These are Furnish in Special Designs.
Length of shank	
Diameter of head	
Diameter of shank	
Diameter of hole	
Test voltage	

Prices Quoted on Application.

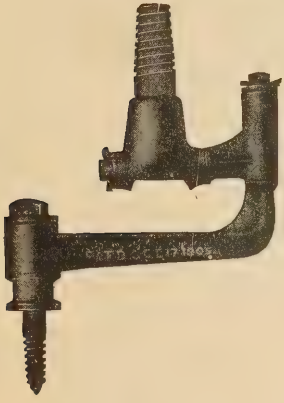
We Solicit Opportunity to Furnish HIGH VOLTAGE Porcelain Pieces.

DUNTON TREE INSULATORS.

Right Angle Screw.

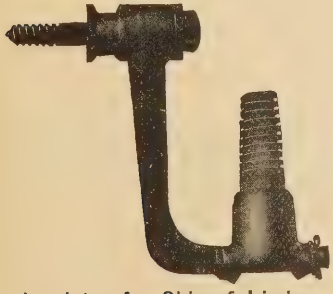


Attachment A 4, Fits either No. 0, No. 1 or No. 2 Insulator.



Insulator with A4 Attachment for Top of Limb.

Insulator with Right Angle Lag Screw to Hang Under Limb.

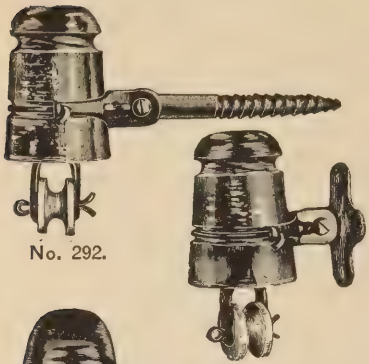


Insulator for Side of Limb.

The Dunton Tree Insulator is so constructed that it can be used on any size wire, is absolutely safe, and made from the highest grade of malleable iron. The arms swing on a sleeve, which is lag-screwed to the limb of a tree, and turns in a cone-shaped casting riveted to lower end of arm, which allows the glass to be in a vertical position at all times when tied to the wire. Special lag screws are furnished with these insulators. They are made in three sizes: No. 0, especially adapted for telephone, telegraph and fire alarm wires; No. 1, for all wires up to and including 0000; and No. 2, for railroad work, and capable of carrying any size wire up to and including 1000000 C. M.

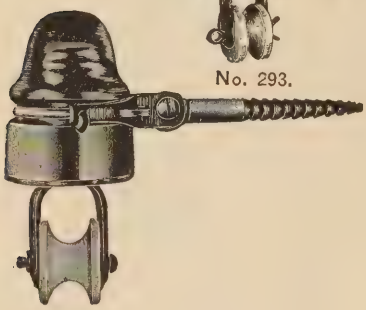
Code Word.	List No.	Mfr. No.	List Price, per 100.
Zacafez	14365	0	$56.00
Zacafi	14366	1	67.50
Zacafib	14367	2	97.50
Zacafic	14368	A4 Attachment	30.00
Zacafid	14369	⅜ inch Right Angle Lag Screws	16.00
Zacafif	14370	½ inch Right Angle Lag Screws	18.00
Zacafig	14371	⅝ inch Right Angle Lag Screws	20.00

BRODIE TREE INSULATORS.



No. 292.

No. 293.



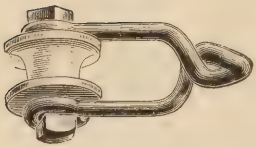
No. 294.

Code Word.	List No.		List Price, Each.
Source	292	Form S. P. for No. 2 and smaller	$0.50
Mode	293	Form C. P. for No. 2 and smaller	.50
Compass	294	Form 3 S. P. for No. 2 and smaller	.70
Future	295	Form 3 C. P. for No. 2 and smaller	.70
Lalors	296	Form 2 S. P. for 4/0 and smaller	.90
Zicoh	40788	Form 2 C. P. for 4/0 and smaller	.90
Officer	40789	Form 4 S. P. for 500,000 c. m.	1.20
Risk	40790	Form 4 C. P. for 500,000 c. m.	1.20

Sizes of wire given are triple braid weatherproof.
Form S. P. has drive lag and pulley.
Form C. P. has cleat base and pulley.
Forms 2, 3 and 4 have double petticoat insulation.

INSULATED PULL-OFF.

Strongly made of wrought iron and furnished with porcelain insulation.



No. 44674.

Zopif 44674 ..... .40

SPLIT TREE MOULDING.

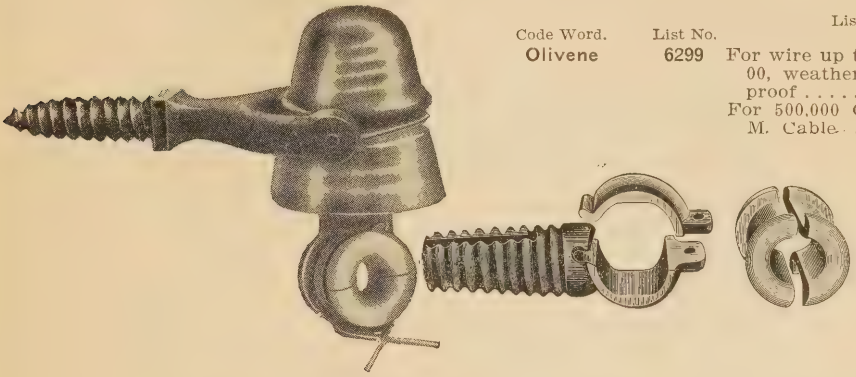
Made of seasoned hard wood, hollowed out in centre to fit over wire.

No. 44675.

Zopig	44675	⅜ inch hole	.....
Zopik	44677	⅝ inch hole	.....
Zopim	44679	¾ inch hole	.....
Zopip	44681	1¼ inch hole	.....

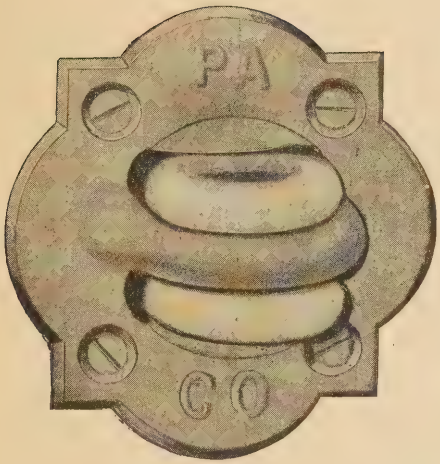
This moulding can be furnished up to 10 feet in length. Prices on application.

HOLMES TREE INSULATOR.



No. 6299.

Code Word.	List No.		List Price, Each.
Olivene	6299	For wire up to 00, weather-proof	$ .56
		For 500,000 C. M. Cable	.90



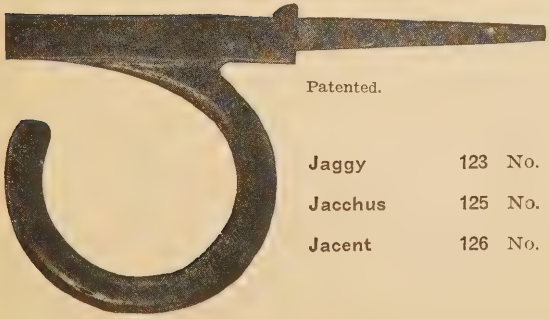
No. 122.

P. A. TELEPHONE HOUSE BRACKET.

Jesuit	122	Galvanized casting, with porcelain insulator	.30
Zucip	45456	P. A. Telephone House Bracket for two wires	.60

O'NEIL TELEPHONE HOOK.

MADE OF MALLEABLE IRON, JAPANNED.

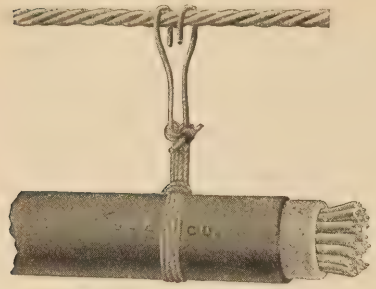


No. 123.

Patented.

Jaggy	123	No. 1, small	4.00
Jacchus	125	No. 2, medium	14.00
Jacent	126	No. 3, large	20.00

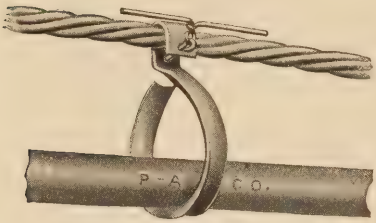
CABLE HANGERS.



No. 45202.

P. A. CABLE HANGER.

Code Word.	List No.		List Price, per 1,000.
Zoxir	45202		$40.00



No. 45203.

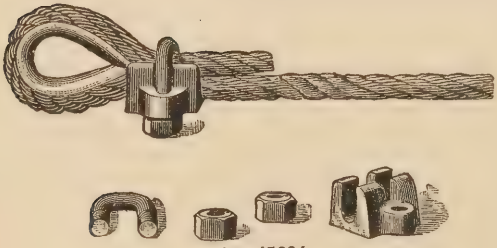
CAMERON CABLE HANGER.

			List Price, per 100.
Zoxis	45203		6.00

MARLINE CABLE HANGER.

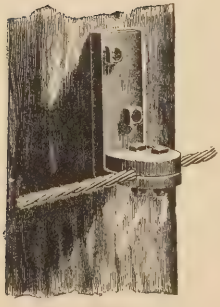
Zucas	45422	From 8½ inches to 18-inch loop	15.00

CROSBY GALVANIZED WIRE ROPE CLIP.



No. 45204.

		Diam. Rope.	Each.
Zoxit	45204	¼ inch	.25
Zoxiv	45205	5-16 inch	.25
Zoxiw	45206	⅜ inch	.25
Zoxiz	45207	½ inch	.30
Zoxiz	45208	⅝ inch	.35
Zoxo	45209	¾ inch	.40
Zoxob	45210	⅞ inch	.45
Zoxod	45211	1 inch	.50



No. 45212.

MESSENGER, OR CABLE HANGER.

Zoxof	45212	2x⅜ inches, 3 pounds, plain	.28
Zoxog	45213	2x⅜ inches, 3 pounds, galvanized	.36
Zoxoh	45214	2x½ inches, 4 pounds, plain	.36
Zoxok	45215	2x½ inches, 4 pounds, galvanized	.48

CROSS ARM BRACES.

Standard Size, 1 7/32 x 7/32 x 28 Inches.

LIST PRICE PER 1000 PIECES.

Code Word.	List No.	Size.	Inches Long 20.	22.	24.	26.	28.	30.	32.
Zabuxiz	13690	1 7/32x7/32 in.	92.30	110.40	110.50	119.60	128.70	137.80	146.90
Zabuxo	13691	1 1/4 x1/4 in.	108.55	119.33	130.11	140.89	151.67	162.45	173.23

WEIGHTS PER 1000 PIECES.

Size.	20.	22.	24.	26.	28.	30.	32.
1 7/32x7/32 in.	1420	1560	1700	1840	1980	2120	2260
1 1/4 x1/4 in.	1670	1835	2000	2165	2335	2500	2665

The weights given above are for plain braces; hot galvanized braces gain about 4 per cent.

Our braces are punched for ⅜ inch diameter carriage bolt and ½ inch lag screw, 1 inch from end of brace to center of hole.

Special Punching.—We can punch braces any size hole required.

Braces Complete.—When braces are ordered by the set we ship unless otherwise directed:

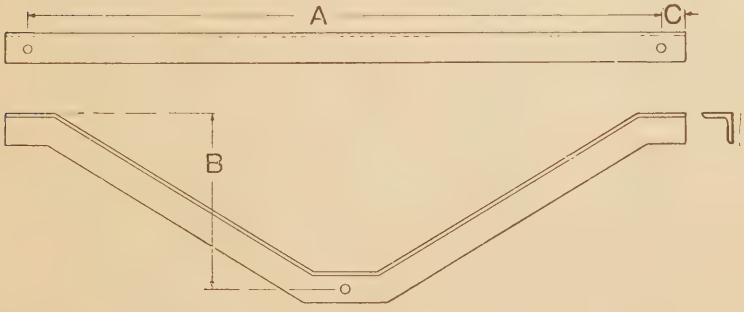
Two Braces, size specified.

Two ⅜ x 4 inch Carriage Bolts.

Two ½ inch hole Round Washers for ⅜ inch bolt.

One ½ x 4 inch Lag Screw.

ANGLE IRON CROSS ARM BRACES.



		A	B	C	Weight.	L. P. Each.
Zabuxob	13692	57 in.	13½ in.	1½ in.	11½ lbs.	1.80
Zabuxoc	13693	43 in.	11¼ in.	1½ in.	14½ lbs.	1.60

Both sizes are made of 2 in. x 2 in. x 3/16 in. angle iron; furnished plain or galvanized. All bolt holes are 11/16 in. diameter.

MACHINE BOLTS.

GALVANIZED SHIPPED UNLESS OTHERWISE SPECIFIED.

WITH SQUARE HEADS AND SQUARE NUTS, FINISHED POINTS.

THREADS.

½ by 8 to 11 inches	3 inch threads
½ by 12 and longer	4 inch threads
⅝ by 8 to 12 inches	4 inch threads
⅝ by 13 and longer	6 inch threads

LIST PRICE PER HUNDRED.

Diameter	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.
1/2	$6.98	$7.50	$8.02	$8.54	$9.06	$9.58	$10.10	$10.62	$11.14	$11.66
9/16 and 5/8	10.14	10.90	11.66	12.42	13.80	13.94	14.70	15.46	16.22	16.98
3/4	13.70	14.70	15.70	16.70	17.70	18.70	19.70	20.70	21.70	22.70

Diameter	18.	19.	20.	21.	22.
1/2	12.18	12.70	13.22	13.74	14.26
9/16 and 5/8	17.74	18.50	19.26	20.02	20.78
3/4	23.70	24.70	25.70	26.70	27.70

WEIGHT OF SQUARE HEAD MACHINE BOLTS.

Average Weight per Hundred with Square Nuts.

Diameter	1/2	9/16	5/8	3/4	7/8	1
	lbs.	lbs.	lbs.	lbs.	lbs.	lbs.
8 inch	56.	68.5	90.	136.6	195.4	273
9 inch	61.5	75.2	98.	148.8	212.	295
10 inch	67.	81.9	106.3	161.	229.	317
11 inch	72.5	88.7	114.6	173.2	246.	339
12 inch	78.	95.5	122.9	184.4	263.	361
13 inch	83.5	102.3	131.2	196.6	280.	383
14 inch	89.	109.1	139.5	208.8	297.	405
15 inch	94.5	116.	148.	221.	314.	427
16 inch	100.	123.	156.5	233.2	331.	449
17 inch	105.5	130.	165.	245.4	348.	471
18 inch	111.	137.	173.5	257.6	365.	493
19 inch	116.5	144.	182.	269.8	382.	515
20 inch	122.	151.	190.5	282.	399.	537
21 inch	.....	.....	198.	294.	416.	559
22 inch	.....	.....	206.	306.	437.	581

For bolting cross-arm to pole machine bolts are used ½, ⅝ and ¾ inch in diameter, from 8 to 22 inches in length, depending upon the diameter of pole top.

COMMON CARRIAGE BOLTS.

GALVANIZED SHIPPED UNLESS OTHERWISE SPECIFIED.

LIST PRICE PER HUNDRED.

Diameter	1½.	1¾.	2.	2¼.	2½.	2¾.	3.	3¼.	3½.	3¾.	4.	4¼.
1/4	$1.00	$1.04	$1.08	$1.12	$1.16	$1.20	$1.24	$1.28	$1.32	$1.36	$1.40	$1.44
5/16	1.40	1.46	1.52	1.58	1.64	1.70	1.76	1.82	1.88	1.94	2.00	2.06
3/8	1.90	1.98	2.06	2.14	2.22	2.30	2.38	2.46	2.54	2.62	2.70	2.78
7/16	2.20	2.29	2.38	2.47	2.56	2.65	2.74	2.83	2.92	3.01	3.10	3.19
1/2	....	....	....	....	3.00	3.11	3.22	3.33	3.44	3.55	3.66	3.77
9/16 and 5/8	....	....	....	....	5.20	5.37	5.54	5.71	5.88	6.05	6.22	6.39
3/4	....	....	....	....	7.20	7.43	7.66	7.89	8.12	8.35	8.58	8.81

Diameter	4½.	4¾.	5.	5½.	6.	6½.	7.
1/4	$1.48	$1.52	$1.56	$1.64	$1.72	$1.80	$1.88
5/16	2.12	2.18	2.24	2.36	2.48	2.60	2.72
3/8	2.86	2.94	3.02	3.18	3.34	3.50	3.66
7/16	3.28	3.37	3.46	3.64	3.82	4.00	4.18
1/2	3.88	3.99	4.10	4.32	4.54	4.76	4.98
9/16 and 5/8	6.56	6.73	6.90	7.24	7.58	7.92	8.26
3/4	9.04	9.27	9.50	9.96	10.42	10.88	11.34

WEIGHT OF COMMON CARRIAGE BOLTS.

Average Weight per Hundred.

Length	¼.	5/16.	⅜.	7/16.	½.	⅝.
1 inch	2.8	4.8	6.9	9.4	14.5	28.0
1¼ inch	3.1	5.2	7.6	10.4	15.9	30.0
1½ inch	3.4	5.7	8.3	11.4	17.3	32.0
1¾ inch	3.7	6.1	9.0	12.4	18.6	34.0
2 inch	4.0	6.6	9.7	13.3	20.0	36.0
2¼ inch	4.4	7.0	10.4	14.3	21.4	38.0
2½ inch	4.7	7.5	11.1	15.3	22.8	40.0
2¾ inch	5.0	7.9	11.8	16.3	24.2	42.0
3 inch	5.3	8.4	12.5	17.3	25.5	44.0
3½ inch	5.9	9.3	13.9	19.3	28.3	48.0
4 inch	6.6	10.2	15.3	21.3	31.0	52.0
4½ inch	7.2	11.1	16.7	23.3	33.8	56.0
5 inch	7.8	12.0	18.0	25.3	36.5	60.0
5½ inch	8.4	12.9	19.4	27.3	39.3	64.0
6 inch	9.0	13.8	20.8	29.3	42.0	68.0
6½ inch	9.7	14.7	21.2	31.2	44.8	72.0
7 inch	10.3	15.6	23.6	33.2	47.5	76.0

When standard telephone cross-arms are used (2¾x3¾-inch), we recommend ⅜x3½-inch carriage bolts for fastening braces at top end to cross-arm, and where heavy cross-arms are used (3¼x4¼-inch) a ⅜x4-inch carriage bolt is used.

LAG SCREWS.

GALVANIZED SHIPPED UNLESS OTHERWISE SPECIFIED.
FETTER DRIVE.

WITH SQUARE HEAD—LIST PRICE PER 100.

Diameter.	1½.	2.	2½.	3.	3½.	4.	4½.	5.	5½.
5/16	$2.25	$2.45	$2.65	$2.85	$3.05	$3.25	$3.45	$3.65	$3.85
3/8	2.70	2.96	3.22	3.48	3.74	4.00	4.26	4.52	4.78
7/16	3.15	3.47	3.79	4.11	4.43	4.75	5.07	5.39	5.71
1/2	3.75	4.11	4.47	4.83	5.19	5.55	5.91	6.27	6.63
9/16 and 5/8	....	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50
3/4	....	....	9.20	9.90	10.60	11.30	12.00	12.70	13.40
7/8	....	....	....	15.00	16.00	17.00	18.00	19.00	20.00
1	....	....	....	....	22.00	23.30	24.60	25.90	27.20

Diameter	6.	6½.	7.	7½.	8.	9.	10.	11.	12.
5/16	4.05	4.25	4.45	4.65	4.85	5.25	5.65	6.05	6.45
3/8	5.04	5.30	5.56	5.82	6.08	6.60	7.12	7.64	8.16
7/16	6.03	6.35	6.67	6.99	7.31	7.95	8.59	9.23	9.87
1/2	6.99	7.35	7.71	8.07	8.43	9.15	9.87	10.59	11.31
9/16 and 5/8	10.00	10.50	11.00	11.50	12.00	13.00	14.00	15.00	16.00
3/4	14.10	14.80	15.50	16.20	16.90	18.30	19.70	21.10	22.50
7/8	21.00	22.00	23.00	24.00	25.00	27.00	29.00	31.00	33.00
1	28.50	29.80	31.10	32.40	33.70	36.30	38.90	41.50	44.10

THE FOLLOWING EXTRAS ARE TO BE UNDERSTOOD AS A PART OF THIS LIST:

Hexagon Heads, 10 per cent. extra.
Tee Heads, 20 per cent. extra.
Skein Screws, list price, same as Lag Screws.
Length of Coach and Lag Screws is measured under head.

WEIGHT OF SQUARE HEAD LAG SCREWS.

Average Weight per Hundred.

Diam. Long.	5/16 lbs.	3/8 lbs.	7/16 lbs.	1/2 lbs.	9/16 lbs.	5/8 lbs.	3/4 lbs.	7/8 lbs.	1 lbs.	1 1/8 lbs.	1 1/4 lbs.	1 1/2 lbs.
1½	4.2	6.5	9.2	13.	....	....	....	....	....	.....	.....	.....
1¾	4.7	7.1	10.	13.8	....	....	....	....	....	.....	.....	.....
2	5.2	7.7	10.9	14.9	23.	24.8	....	....	....	.....	.....	.....
2¼	5.7	8.4	11.8	16.1	24.5	27.3	....	....	....	.....	.....	.....
2½	6.2	9.2	12.7	17.4	26.	29.	43.	....	....	.....	.....	.....
3	7.2	10.6	14.6	19.	29.2	32.9	48.3	75.	....	.....	.....	.....
3½	8.2	12.	16.6	21.5	32.5	36.9	53.8	78.5	90.	.....	.....	.....
4	9.2	13.5	18.8	24.	35.9	41.	59.6	82.	99.	.....	.....	.....
4½	10.2	15.	20.7	26.5	39.3	44.9	65.5	86.	108.	.....	.....	.....
5	11.3	16.5	22.8	29.	42.7	48.8	71.5	90.	118.	150.	.....	.....
5½	12.4	18.	24.9	31.5	46.1	52.7	77.5	98.	128.	163.	.....	.....
6	13.5	19.5	27.	34.	49.5	56.6	83.5	106.	138.	176.	240.	.....
7	....	....	31.1	39.	56.3	64.5	95.5	122.5	158.	203.	270.	.....
8	....	....	35.2	44.	63.1	72.5	107.6	139.	178.	230.	300.	420.
9	....	....	....	49.	69.9	80.5	119.8	155.5	198.	257.	332.	468.
10	....	....	....	54.	76.7	88.5	131.	172.	219.	284.	365.	516.
11	....	....	....	....	83.5	96.5	143.1	188.5	240.	311.	395.	564.
12	....	....	....	....	90.5	104.5	155.4	205.	261.	338.	425.	612.

½x7 inch is the size most commonly used for fastening cross-arms to pole, the arms being bored with two holes in center.

½x4 inch is the size most commonly used for fastening braces to pole at lower end, although ½x3 inch or 3½ inch will answer the purpose.

For fastening braces at top end to cross-arms, ⅜x2½ inch and 3 inch lag screws are sometimes used, although for this purpose we recommend ⅜x4 inch carriage bolts.

STAR EXPANSION BOLTS AND SHIELDS.

LAG SCREW TYPE.

WITH SQUARE BOLTHEAD, SHIELDS AND BOLTS COMPLETE. PRICES PER 100

Lgth., Ins.	Diameter of Lag Screw. ¼	5/16	⅜	½	⅝	¾	⅞	1
2	$9.75	$10.50	.....	.....	.....	.....	.....	.....
2½	9.90	10.65	$14.30	$21.75	$28.55	$43.50	.....	.....
3	10.05	10.80	14.45	22.05	28.90	44.00	.....	.....
4	10.35	11.10	14.75	22.80	29.65	45.00	.....	.....
5	10.65	11.40	15.20	23.30	30.40	46.00	.....	.....
6	10.95	11.70	15.60	23.80	31.15	47.00	$62.00	$71.60
7	.....	12.00	15.90	24.30	31.90	48.00	63.00	73.50
8	.....	.....	16.20	24.80	32.65	49.00	64.00	75.35
9	.....	.....	.....	25.30	33.40	50.00	65.00	77.15
10	.....	.....	.....	.....	34.20	51.00	66.00	79.00
11	.....	.....	.....	.....	34.50	52.00	67.00	80.90
12	.....	.....	.....	.....	35.65	53.00	68.00	82.80
SHIELDS ONLY.								
List per 100	8.50	9.00	12.00	19.80	25.00	36.00	48.00	60.00

STAR SCREW ANCHOR. WOOD SCREW TYPE, COMPLETE. PRICES PER 100.

Anchor Number and Length.	Inside Diameter of Anchor, Inch.	Length of Anchor, Inch.	Outside Diameter of Anchor, Inch.	Diameter of Drill Used, Inch.	Anchors Fit Screw Numbers.	Price of Anchors Only.	Number in Box.
6x ½	⅛	½	¼	¼	5-6-7-8	$2.65	100
6x ⅝	⅛	⅝	¼	¼	5-6-7-8	2.65	100
6x ¾	⅛	¾	¼	¼	5-6-7-8	2.65	100
10x ½	3/16	½	5/16	5/16	9-10-11	3.00	100
10x ¾	3/16	¾	5/16	5/16	9-10-11	3.00	100
10x1	3/16	1	5/16	5/16	9-10-11	3.00	100
10x1⅝	3/16	1⅝	5/16	5/16	9-10-11	3.75	50
14x ½	¼	½	⅜	⅜	12-13-14	3.35	50
14x ¾	¼	¾	⅜	⅜	12-13-14	3.35	50
14x1	¼	1	⅜	⅜	12-13-14	3.35	50
14x1½	¼	1½	⅜	⅜	12-13-14	4.05	50
18x ¾	5/16	¾	7/16	7/16	15-16-17-18	3.75	50
18x1	5/16	1	7/16	7/16	15-16-17-18	3.75	50

STAR DOUBLE MACH'NE TYPE EXPANSION BOLTS, COMPLETE. PRICES PER 100

Lgh., Ins.	Diameter. ¼	5/16	⅜	7/16	½	⅝	¾	⅞	1
1¾	$8.95	.....	.....	.....	.....	.....	.....	.....	.....
2	9.00	$10.00	.....	.....	.....	.....	.....	.....	.....
2½	9.05	10.05	$12.40	.....	.....	.....	.....	.....	.....
3	9.10	10.10	12.50	$16.60	$20.00	.....	.....	.....	.....
3½	9.15	10.15	13.00	16.80	20.15	$27.25	.....	.....	.....
4	9.20	10.20	13.70	17.00	20.30	27.50	$40.00	.....	.....
4½	9.25	10.25	13.80	17.25	20.45	27.75	40.30	.....	.....
5	9.30	10.30	13.90	17.50	20.60	28.00	40.60	$52.00	.....
5½	9.35	10.35	14.00	17.75	20.75	28.25	40.90	52.43	$74.45
6	9.40	10.40	14.10	18.00	20.90	28.50	41.20	52.86	75.00
6½	....	.....	14.20	18.10	21.05	28.75	41.50	53.29	75.55
7	....	.....	14.30	18.20	21.20	29.00	41.80	53.72	76.10
7½	....	.....	14.40	18.30	21.35	29.25	42.10	54.15	76.65
8	....	.....	14.50	18.40	21.50	29.50	42.40	54.58	77.20
9	....	.....	.....	.....	21.65	29.75	42.70	55.01	77.75
10	....	.....	.....	.....	21.80	30.00	43.00	55.44	78.30
11	....	.....	.....	.....	22.00	30.50	43.50	56.00	79.00
12	....	.....	.....	.....	23.50	31.00	44.00	57.00	80.00
	Expansion Shells Only, Per 100.								
	8.00	9.00	11.00	15.00	18.00	24.00	35.00	44.00	63.00
	Length of Expansion.								
	1½	1⅞	2⅜	2½	2⅝	3¼	4	4¾	5
	Size of Hole to Receive Expansion.								
	½	9/16	11/16	⅞	⅞	1	1⅛	1½	1⅝

IRON WOOD SCREWS.

List of July 22, 1903. Price per Gross

¼ Inch.		
No.		$
0	@	.72
1	"	.72
10 2	"	.72
3	"	.72
4	"	.72

1¼ Inch.		
No.		$
3	@	.88
4	"	.92
5	"	.98
6	"	1.05
7	"	1.10
10 8	"	1.15
9	"	1.20
10	"	1.30
11	"	1.40
12	"	1.55
*13	"	1.70
*14	"	1.90
15	"	2.15
16	"	2.50
17	"	2.75
5 18	"	3.30
20	"	4.00
22	"	4.80
24	"	5.40

3 Inch.		
No.		$
6	@	2.95
7	"	3.00
8	"	3.05
9	"	3.10
10	"	3.15
11	"	3.20
5 12	"	3.30
13	"	3.40
14	"	3.50
*15	"	3.80
*16	"	4.20
1 17	"	4.80
*18	"	5.50
1 20	"	6.50
2 22	"	7.50
*24	"	8.70
1½ 26	"	10.50

⅜ Inch.		
No.		$
0	@	.72
1	"	.72
2	"	.72
3	"	.72
4	"	.72
10 5	"	.75
6	"	.78
7	"	.82
8	"	.88
9	"	.94

1½ Inch.		
No.		$
3	@	.98
4	"	1.05
5	"	1.10
6	"	1.15
10 7	"	1.20
8	"	1.30
9	"	1.35
10	"	1.40
*11	"	1.50
12	"	1.65
13	"	1.80
14	"	2.00
15	"	2.35
16	"	2.80
5 17	"	3.20
18	"	3.80
20	"	4.30
22	"	5.10
24	"	5.90

3½ Inch.		
No.		$
8	@	3.90
9	"	4.00
10	"	4.10
11	"	4.20
12	"	4.30
13	"	4.40
2½ 14	"	4.50
15	"	4.75
16	"	4.95
17	"	5.40
18	"	6.15
*20	"	7.30
*22	"	8.70
1½ 24	"	10.20
26	"	12.00

½ Inch.		
No.		$
1	@	72
2	"	.72
3	"	.72
4	"	.75
5	"	.78
10 6	"	.80
7	"	.84
8	"	.90
9	"	.96
10	"	1.05
11	"	1.10
12	"	1.20

1¾ Inch.		
No.		$
5	@	1.30
10 6	"	1.35
7	"	1.45
* 8	"	1.50
9	"	1.55
10	"	1.60
11	"	1.70
12	"	1.80
13	"	2.00
14	"	2.25
15	"	2.60
16	"	2.90
5 17	"	3.50
18	"	4.00
20	"	4.50
22	"	5.20
24	"	6.00

4 Inch.		
No.		$
8	@	4.90
9	"	5.10
10	"	5.20
11	"	5.30
12	"	5.40
13	"	5.60
2½ 14	"	5.90
15	"	6.20
16	"	6.50
17	"	7.00
*18	"	7.60
*20	"	8.60
22	"	9.70
1½ 24	"	11.20
26	"	14.00
28	"	16.00
30	"	18.50

⅝ Inch.		
No.		$
1	@	.72
2	"	.72
3	"	.72
4	"	.75
5	"	.78
6	"	.82
10 7	"	.86
8	"	.92
9	"	.98
10	"	1.07
11	"	1.12
12	"	1.20
13	"	1.25
14	"	1.30

2 Inch.		
No.		$
5	@	1.45
6	"	1.50
7	"	1.55
8	"	1.60
9	"	1.65
10	"	1.75
5 11	"	1.85
12	"	2.00
13	"	2.20
14	"	2.45
15	"	2.75
16	"	3.10
17	"	3.70
18	"	4.20
*20	"	4.80
1 22	"	5.50
24	"	6.40

4½ Inch.		
No.		$
12	@	7.00
13	"	7.20
2½ 14	"	7.60
15	"	7.85
16	"	8.15
*17	"	8.60
18	"	9.15
20	"	9.85
1½ 22	"	11.20
24	"	13.50
26	"	16.00
28	"	18.50
30	"	21.50

¾ Inch.		
No.		$
2	@	.72
3	"	.75
4	"	.78
5	"	.82
6	"	.85
7	"	.90
8	"	.95
10 9	"	1.00
10	"	1.10
11	"	1.15
12	"	1.25
13	"	1.35
14	"	1.50
15	"	1.65
16	"	1.80

2¼ Inch.		
No.		$
5	@	1.55
6	"	1.60
7	"	1.65
8	"	1.75
9	"	1.85
10 5	"	1.95
11	"	2.05
12	"	2.20
13	"	2.35
14	"	2.65
15	"	3.10
*16	"	3.50
17	"	3.85
18	"	4.55
1 20	"	5.30
22	"	6.10
24	"	6.90

5 Inch.		
No.		$
12	@	8.10
13	"	8.30
14	"	8.60
15	"	9.10
16	"	9.70
17	"	10.10
½ 18	"	11.00
20	"	11.50
22	"	13.00
24	"	15.00
26	"	18.00
28	"	21.00
30	"	24.00

⅞ Inch.		
No.		$
2	@	.74
3	"	.78
4	"	.82
5	"	.85
6	"	.90
7	"	.94
8	"	1.00
10 9	"	1.05
10	"	1.15
11	"	1.25
12	"	1.35
13	"	1.45
14	"	1.55
15	"	1.75
16	"	2.00

2½ Inch.		
No.		$
5	@	1.90
6	"	2.00
7	"	2.10
8	"	2.20
9	"	2.30
10	"	2.40
5 11	"	2.50
12	"	2.60
13	"	2.70
14	"	2.90
15	"	3.30
16	"	3.65
*17	"	4.20
*18	"	4.70
1 20	"	5.80
22	"	6.70
24	"	7.50

6 Inch.		
No.		$
12	@	10.00
13	"	10.30
14	"	11.00
15	"	11.60
16	"	12.40
17	"	13.00
½ 18	"	14.50
20	"	16.00
22	"	18.00
24	"	20.00
26	"	23.00
28	"	27.00
30	"	30.50

1 Inch.		
No.		$
3	@	.80
4	"	.84
5	"	.87
6	"	.92
7	"	.98
8	"	1.05
10 9	"	1.10
10	"	1.20
11	"	1.30
12	"	1.40
13	"	1.60
14	"	1.70
15	"	2.00
*16	"	2.50
5 17	"	2.70
18	"	2.80
20	"	3.50

2¾ Inch.		
No.		$
6	@	2.40
7	"	2.60
8	"	2.70
9	"	2.80
10	"	2.90
11	"	3.00
5 12	"	3.10
13	"	3.20
14	"	3.30
15	"	3.60
*16	"	3.90
*17	"	4.50
1 18	"	5.00
20	"	6.10
1 *22	"	7.20
2½ 24	"	8.50

*The number of Gross in a Bundle is indicated by small figures on the side, divided by a star (*).

The following varieties of Iron Screws are invoiced from this list at varying discounts: Flat, Round, Fillister and Oval Head Screws, Dowel, Winged, Headless, Pinched, Bung Head and Felloe Screws, Bright, Blued, Nickel Plated, Silver Plated, Brassed, Bronzed, Coppered, Japanned, Lacquered and Tinned, also Drive Screws.

Iron Machine Screws.

Flat Head.

Round Head.

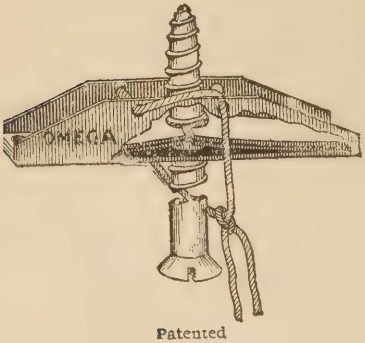
Fillister Head.

List of January 1, 1898. —— Price per Gross.

	OUR STANDARD THREADS PER INCH.																			
	48 56 64	48 56	32, 36, 40		30 32 36	30 32	30 32 36	24, 30, 32		20 24	18 20 24	16, 18, 20		16, 18		14 16 18	14, 16			13
No.	2	3	4	5	6	7	8	9	10	12	14	16	18	20	22	24	26	28	30	34
In.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.	Cts.
3/16	25	25	25	29	29	35	35	43	43											
1/4	25	25	25	29	29	35	35	43	43	55	68									
5/16	27	27	27	31	31	38	38	46	46	59	74	95								
3/8	27	27	27	31	31	38	38	46	46	59	74	95	105	120	140	165				
7/16	29	29	29	33	33	41	41	49	49	59	74	95	110	125	145	170				
1/2	29	29	29	33	33	41	41	49	49	59	74	95	110	125	145	170				
9/16	33	33	33	36	36	46	46	54	54	66	81	100	115	135	165	190				
5/8	33	33	33	36	36	46	46	54	54	66	81	100	115	135	165	190	235			
3/4	37	37	37	42	42	52	52	63	63	74	88	110	130	155	175	200	245	320	400	510
7/8	...	48	48	48	48	60	60	72	72	85	100	120	140	165	190	220	270	330	425	585
1	...	...	55	55	55	70	70	85	85	97	115	135	155	180	210	255	310	375	450	660
1 1/8	...	...	75	75	75	85	85	105	105	125	145	165	185	210	250	300	360	435	525	735
1 1/4	...	...	75	75	75	85	85	105	105	125	145	165	185	210	250	300	360	435	525	735
1 3/8	...	...	100	100	100	115	115	135	135	160	180	200	220	250	300	360	430	510	600	800
1 1/2	...	...	100	100	100	115	115	135	135	160	180	200	220	250	300	360	430	510	600	800
1 3/4	...	...	...	...	125	135	135	170	170	180	205	240	255	290	345	410	485	570	665	860
2	...	...	...	...	150	165	165	200	200	210	230	275	290	335	395	465	545	635	735	940
2 1/4	...	...	...	...	...	...	200	230	230	250	275	310	325	370	435	500	585	690	800	1030
2 1/2	...	...	...	...	...	...	235	275	275	300	325	345	365	415	490	575	670	775	890	1150
2 3/4	...	...	...	...	...	...	275	325	325	340	365	385	415	475	555	645	745	860	985	
3	...	...	...	...	...	...	325	375	375	390	425	465	515	575	650	745	850	970	1100	
3 1/4	...	...	...	...	...	...	...	...	480	500	525	600	650	700	790	880	1000	1150	1300	
3 1/2	...	...	...	...	...	...	...	...	550	575	605	680	750	825	900	1010	1170	1320	1500	
3 3/4	...	...	...	...	...	...	...	...	...	640	675	755	840	925	1075	1255	1325	1470	1750	
4	...	...	...	...	...	...	...	...	...	700	750	825	960	1025	1150	1350	1475	1650	2050	
4 1/4	...	...	...	...	...	...	...	...	...	775	825	920	1060	1175	1275	1475	1675	1850	2400	
4 1/2	...	...	...	...	...	...	...	...	...	...	900	1000	1160	1275	1400	1600	1800	2150	2700	
5	...	...	...	...	...	...	...	...	...	...	1025	1160	1325	1500	1700	2000	2250	2500	3000	
6	...	...	...	...	...	...	...	...	...	...	...	1600	1800	2000	2250	2500	2800	3200	3750	

Prices for Brass Machine Screws on application.

CONSTRUCTION MATERIAL.



Patented

No. 13544.

OMEGA TOGGLE.

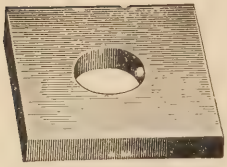
The Omega Toggle is made for attaching fixtures to hollow brick tile, thin marble, plaster, fireproofing, etc.

Instead of a nut, two springs are riveted on each end of the head, and meet in the center over the hole the screw passes through.

These springs are punched out in a half circle, and engage the thread and body of the screw, clamping it tightly with an outward strain. The screw can be pushed in, or easily screwed in and out, with the fingers, but cannot be pulled out. No. 10 and 12 screws of any length may be used, and in order to carry a complete stock of toggle bolts it is only necessary to carry a small quantity of toggle heads and use regular stock screw.

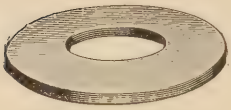
Code Word.	List No.		List Price, Per 100.
Deranged	13544	.....	$3.00

No. 93.



GUARD IRONS.

Plague	93	For end of cross arms	14.00



WROUGHT-IRON WASHERS

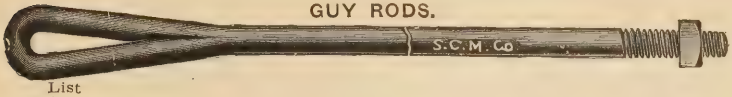
Round or square, plain and galvanized, furnished at market prices.

POLE RINGS.

All sizes, furnished at market prices.

CONSTRUCTION MATERIAL.

GUY RODS.



Code Word.	List No.			List Price Per 100.
Zaducik	5877	5/8 in. x 6 feet	Galvanized	$60.00
Zaducil	5878	5/8 in. x 8 feet	Galvanized	74.00
Zaducim	5879	3/4 in. x 6 feet	Galvanized	80.00
Zaducin	5880	3/4 in. x 8 feet	Galvanized	105.00

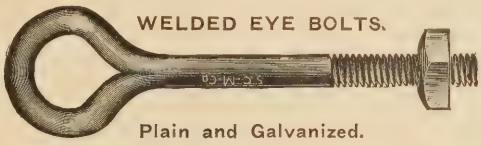
GROUND RODS.

These rods are used for grounding telephone circuits. In ordering please specify in which end the hole for wire is to be drilled. Some prefer hole in pointed end, as this gives a better ground connection.

Plain and Galvanized.

Zacevam	19345	3/8 in. x 5 feet	16.00
Zacevan	19346	3/8 in. x 6 feet	17.60
Zacevap	19347	1/2 in. x 6 feet	24.50
Zacevar	19348	5/8 in. x 6 feet	39.00

WELDED EYE BOLTS.



Plain and Galvanized.

			½ inch			5/8 inch			¾ inch	
		Size.	Weight Per 100.	Thread.	List Price Per 100.	Weight Per 100.	Thread.	List Price Per 100.	Weight Per 100.	L. Price Per 100.
Zaduned	5889	6 in.	62	3 in.	$9.88	101	3 in.	$14.14	146	$18.19
Zadunef	5890	8 in.	73	3 in.	10.92	119	3 in.	15.66	171	21.15
Zaduneg	5891	10 in.	84	4 in.	11.96	136	4 in.	17.18	196	23.15
Zaduneh	5892	12 in.	96	4 in.	13.00	153	4 in.	18.70	219	25.15
Zadunek	5893	14 in.	108	6 in.	14.04	171	6 in.	20.22	246	27.15
Zadunel	5894	16 in.	120	6 in.	15.08	188	6 in.	21.74	270	29.15
Zadunem	5895	18 in.	132	6 in.	16.12	206	6 in.	23.26	296	31.15
Zadunen	5896	20 in.	144	6 in.	17.16	224	6 in.	24.78	332	33.15

Eye Bolts are measured from center of eye to end, and have threads as noted. They are shipped fitted with one square nut and round washer which are included in weights.

POLE STEPS.

Galvanized.

			Weight per 1000	Per 1000
Zaducip	5881	5/8 x 9 inches	820	72.50
Zaducir	5882	5/8 x 10 inches	900	80.00

EASTERN PATTERN BUTTON HEAD, SPIRAL THREAD.

Galvanized.

Zacevas	19349	5/8 x 9 inches	820	72.50

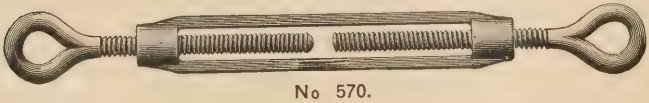
INSULATED EYE BOLT.

No. 566.

Code Word.	List No.		List Price. Each.
Kept	566	½x12 in., plain	$1.00
Kind	567	½x12 in., galv	1.10
King	568	⅝x12 in., plain	1.20
Kitten	569	⅝x12 in., galv	1.30

TURNBUCKLES.

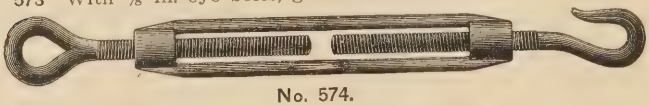
UNINSULATED.



No 570.

9-inch opening, with eyes.

Knife	570	With ½ in. eye bolts, plain	1.00
Klick	571	With ½ in. eye bolts, galv	1.10
Kinsman	572	With ⅝ in. eye bolts, plain	1.20
Knock	573	With ⅝ in. eye bolts, galv	1.30

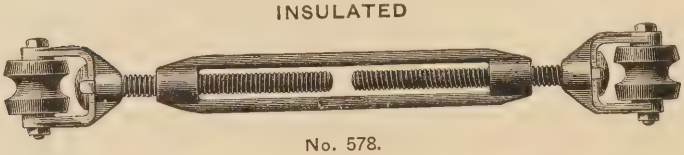


No. 574.

9-inch opening, with eye and hook.

Key	574	With ½ in. eye bolts, plain	1.00
Kirk	575	With ½ in. eye bolts, galv	1.10
Kernel	576	With ⅝ in. eye bolts, plain	1.20
Kiosk	577	With ⅝ in. eye bolts, galv	1.30

INSULATED



No. 578.

9-inch opening, with forked bolts, porcelain break.

Knew	578	With ½ in. bolts, plain	1.30
Koran	579	With ½ in. bolts, galv	1.40
Kraal	580	With ⅝ in. bolts, plain	1.50
Knout	581	With ⅝ in. bolts, galv	1.60

No. 582.

6-inch opening, with one eye bolt insulated from the body by a heavy covering of insulation.

Yeoman	582	With ½ in. bolts, plain	1.40
Yet	583	With ½ in. bolts, galv	1.60
Yes	584	With ⅝ in. bolts, plain	1.80
Yelk	585	With ⅝ in. bolts, galv	2.00

These are carried in stock in 5/8 inch galvanized.

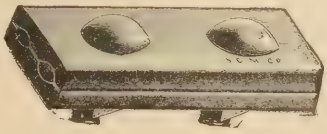
CONSTRUCTION MATERIAL.

GUY CLAMPS.—GALVANIZED.

TWO BOLT GUY CLAMP.

A. T. and T. Pattern, Pressed Steel.

Takes from 3/16 to 7/16 Inch Strand. Size, 3/4 x 1 1/2 x 3 Inches.



No. 30695.

Code Word.	List No.		Weight per 100.	List Price per 100.
Zadogav	30695	.....	110	$15.00

THREE BOLT GUY CLAMPS.

A. T. and T. Pattern, Pressed Steel.

Takes from 1/4 to 1/2 Inch Strand. Size, 13/16 x 1 9/16 x 6 Inches.

No. 30696.

Zadogaw	30696	.....	225	25.00

THREE BOLT GUY CLAMPS.

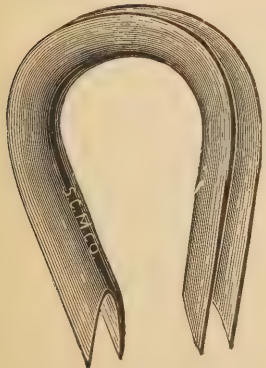
Schaper Pattern, Forged Steel.

Takes from 3/16 to 1/2 Inch Strand. Size, 1 1/8 x 1 1/2 x 5 1/2 Inches.

No. 30697.

Zadogax	30697	.....	225	25.00

WIRE ROPE THIMBLES.—STEEL, GALVANIZED.

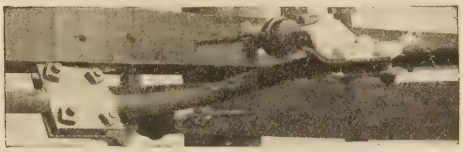


No. 32156.

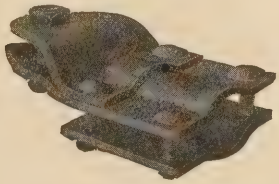
		Width of Score, Inches.	Circumference of Rope, Inches.	List Price Per 100.
Zadogay	30698	3/16	5/8	$7.00
Zadogaz	30699	1/4	3/4	7.00
Zaducib	32156	5/16	7/8	8.00
Zaducic	32157	3/8	1	9.00
Zaducid	32158	7/16	1 1/4	10.00
Zaducif	32159	1/2	1 1/2	11.00
Zaducig	32160	9/16	1 3/4	12.00
Zaducih	32161	5/8	2	13.00
Zadubok	32111	3/4	2 1/2	15.00

MATTHEWS' CABLE CLAMPS.

(Kearney Patent No. 801,250.)



Showing Detail of Inside Corner Using Matthews' Cable Clamps.



No. 1.

The Matthews' Cable Clamp is a device designed to supplant the old method of constructing corner turns (spliced corner joints.) The cut marked No. 1 is an excellent illustration of this simple device. The two plates of the clamp are designed to fit the bare surface of any cable from 000 up to and including 2,000,000 c. m.

THE COMPARISON.

The copper cable necessary to make the old style corner turn is three to four feet; eight to ten feet of copper go to waste at both ends, which makes a total of about fourteen feet of cable. What does it cost you in your store room, taking 600,000 c. m. cable as an average. To above expense must be added the cost of making up into your strain insulators, time of three men for three or four hours, broken saw blades, solder, tape and gasoline.

There can be no line loss when a corner turn is made by the use of two Matthews' Cable Clamps because no spliced joint is made. If you don't save at least $5.00 per cable per corner they may be returned within thirty days at our expense.

OLD CABLE STILL GOOD.

If the Matthews' Cable Clamp has been used to make a corner turn and it becomes necessary to remove the cable, it will still be as good as it ever was; just tape over the two places where the insulation was removed and your cable is as good as new.

When it became necessary to remove the cable where the old method of constructing corner turns was used, (the spliced corner joint) it was necessary to cut the cable ahead of the tapped joint; two straight line joints were then made in the cable in order to get back to a given point. The three or four feet of cable in the splice and all of the cable back of it went to waste. Your strain insulators were too expensive to be thrown away and it would therefore be necessary to cut them out of the loop of the cable. It is therefore easy to see the great amount of copper cable saved by using this device.

Matthews' Cable Clamps weigh four pounds (4 pounds) each. They are made in only one size, which will fit all cables of from 000 up to and including 2,000,000 c. m. Packed in cases of 12 and 25 each.

			Net Price Each		
Zacahim	14633	Less than 25.... $1.10	25 to 49.... $1.05	50 or more....	$1.00
Zacahin	14634	Galvanizing net, extra.....			.10

MATTHEWS' GUY ANCHORS.

(Stombaugh and Widmer Patents Numbers 501,811 and 816,631.)

For Use in Guying
ELECTRIC LIGHT POLES,
TELEPHONE POLES,
TELEGRAPH POLES,
TROLLEY POLES,
SMOKE STACKS,
DERRICKS,
ETC.

Bird's Eye View.

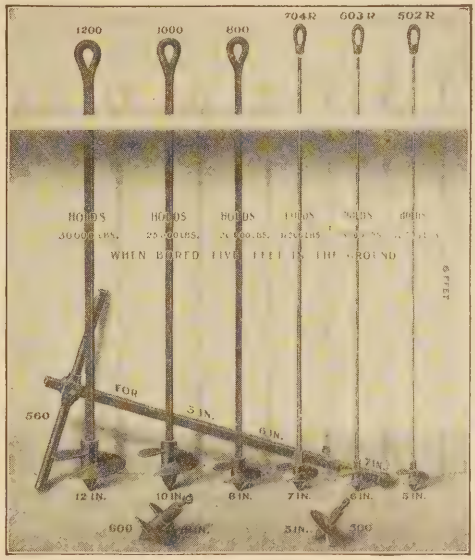
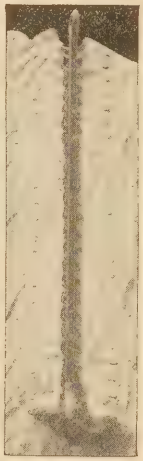


Exhibit of Sizes.



Worm's Eye View.

A Pole can be Anchored in 15 Minutes with Them.

Matthews' Guy Anchors are bored into the ground without disturbing it. The helix presents a flat surface to the solid ground against which it is pulling. They cannot creep because there are no parts to give; no disturbed ground to give back; nothing to adjust. Their low cost of installation and their enormous holding power recommend them to the most exacting buyers. Made in six sizes for all purposes.

Code Word.	List No.	Mfr. No.	Diam. Anchor, Inches.	Class of Work.	Size of Rod, Ins.	Weight, Pounds.	Galvanized, per Anchor.	List Price, per 100.
Zabolay	12233	500	5	Light strains.....No rod		2½	None	$70.00
Zabolaz	12234	600	6	Medium strains....No rod		4¼	None	115.00
Zabole	12235	502R	5	Light strains.....	½	6½	$0.23	115.00
Zaboleb	12236	603R	6	Medium strains....	⅝	10	.35	225.00
Zabolec	12237	704R	7	Medium strains....	¾	15	.52	450.00
Zaboled	12238	800	8	Heavy strains.....	1⅛	38	1.33	750.00
Zabolef	12239	1000	10	Heavier strains....	1¼	50	1.75	1125.00
Zaboleg	12240	1200	12	Heaviest strains...	1½	80	2.80	1500.00
								Each.
Zaboleh	12241	Wrench for 5 and 6 inch anchors, 18 lbs.....						5.10
Zabolej	12242	Wrench for 7 inch anchors, 24 lbs.....						6.50

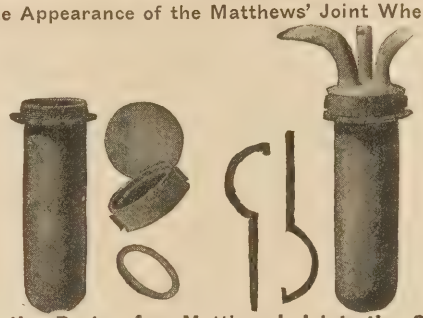
No wrench required to install 8, 10 or 12 inch anchors. Rods all 6 feet long. Galvanizing, net, no discount.

MATTHEWS' CABLE SPLICING JOINT.

(Hargis Patent No. 802,337.)

FOR MAKING TAPS AND SPLICES IN LEAD ENCASED TELEPHONE AND TELEGRAPH CABLES.

Shows the Appearance of the Matthews' Joint When in Use.



Shows the Parts of a Matthews' Joint, the Spanner Wrenches, and a Complete 3-Way Joint.

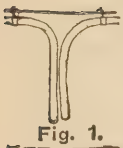


Fig. 1.

Fig. 2.

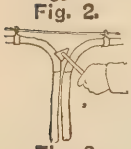


Fig. 3.

Fig. 4.

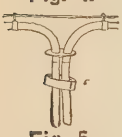


Fig. 5.

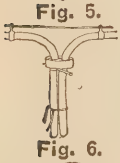


Fig. 6.

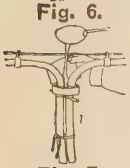


Fig. 7.

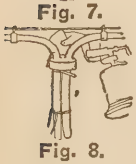


Fig. 8.

Fig. 9.

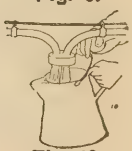


Fig. 10.

Fig. 11.

Fig. 12.

Fig. 13.

Fig. 14.

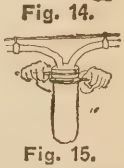


Fig. 15.

Fig. 16.

The advantages of this joint over the horizontal wiped joint are as follows: It is not necessary to employ an expert cable splicer to splice cables when Matthews' Joints are used. Any intelligent workman can make an absolutely moisture-proof joint with them. They cost less on first installation. The solder is poured into a cup through which the cables pass and hold them firmly together. (See fig. 7.) When cable is being strung the ends can be quickly soldered into the cup, the pot screwed on and the splicing of the pairs can be finished at any time. No unfinished joint need ever be left open over night or during damp weather. Any number of pairs can be left dead and connected up at a later date. A straight-away joint can be easily changed to a branch joint. A wire and its mate can be picked out and tagged easier and in less time than is possible in a horizontal wiped joint. By unscrewing the pot from the cup tests can be made and multiples changed at any time.

The 16 illustrations on either side of this page show the detail construction of the Matthews' Joint. Anyone acquainted with cable splicing will see the great advantages in the use and construction of the Matthews' Joint over that of the horizontal wiped joint.

A NO. 1 MATTHEWS' CABLE SPLICING JOINT.

Weight, 2¾ pounds; inside dimension 2¼x8 inches. Will take for straightaway splice any cable up to and including 1 inch, outside diameter, for each cable.

A NO. 2 MATTHEWS' CABLE SPLICING JOINT.

Weight, 4 pounds; inside dimensions 3⅛ x 8 inches. Will take for straightaway splice any cable up to and including 1½ inch, outside diameter, for each cable.

A NO. 3 MATTHEWS' CABLE SPLICING JOINT.

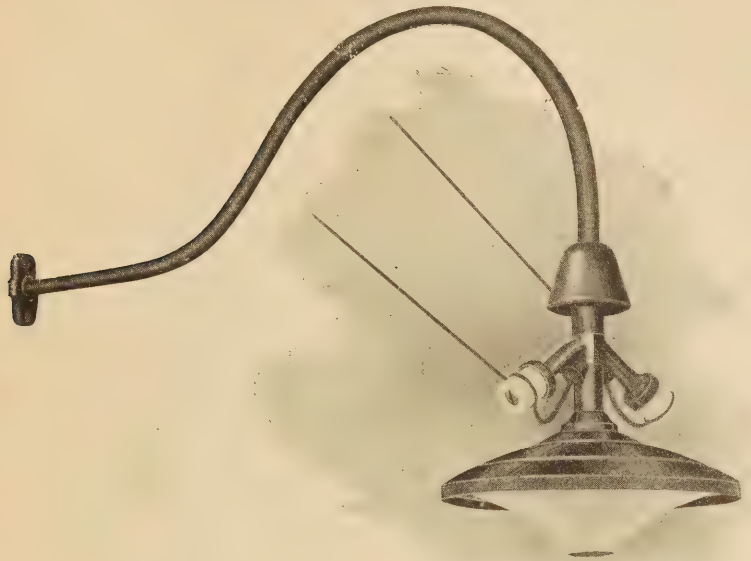
Weight, 8 pounds; inside dimensions 4⅜ x 9 inches. Will take for straightaway splice any cable up to and including 2⅛ inches, outside diameter, for each cable.

Net Quantity Prices. No Discount.

Code Word	Zadoyiv	Zadoyiw	Zadoyix	Zadoyiy
List No.	31956	31957	31958	31959
Mfr. No.	1	2	3	4
Less than 25 each	$2.40	$3.00	$4.80	$7.50
25 to 49 each	2.28	2.85	4.56	7.12
50 or more each	2.20	2.75	4.40	6.78
Spanner Wrenches per pair	.50	.55	.75	.90

STREET FIXTURES.

P. A. HIGH VOLTAGE STREET FIXTURES.



No. 800.

The main feature of this fixture is our special, solid composition mica Insulator, which cannot be punctured at 60,000 Volts, and shows no leakage, under a wet test, at 10,000 Volts.

The special insulator separates the iron goose-neck from the umbrella casting, shade and socket, which absolutely prevents any ground.

Code Word.	List No.		List Price Each.
Zofup	800	Complete with goose-neck, No. 820, back plate, No. 821, high voltage insulator, No. 822, fixture head, No. 824, combination yoke and receptacle, No. 826, copper hood, No. 830, and porcelain enameled steel deflector, No. 831	$5.50
Zofur	801	Same as above, except with fixture head No. 825, and without combination yoke and receptacle	5.00
Zofus	802	Complete with goose-neck, No. 820, back plate, No. 821, high voltage insulator, No. 822, fixture head, No. 824, combination yoke and receptacle, No. 826, copper hood, No. 830, and nickle plated deflector, No. 832	6.00
Zofut	803	Same as above except with fixture head No. 825, and without combination yoke and receptacle	5.50
Zofuv	804	Complete with goose-neck, No. 820, back plate, No. 821, high voltage insulator, No. 822, fixture head, No. 824, combination yoke and receptacle, No. 826, black steel hood, No. 833, and with white enameled steel deflector, No. 834	4.00
Zofuw	805	Same as above except with fixture head No. 825, and without combination yoke and receptacle	3.50

Fixtures Nos. 801, 803 and 805 are fitted with fixture head No. 825 (⅞ in.-18 thread), used with yokes and series sockets, listed on page 77.

Fixtures Nos. 800, 802 and 804 can also be furnished with Nipple No. 827, concave washer No. 828 and check nut No. 829. Adapted to use with any socket, ⅜ inch cap, at the same list price, but orders must so specify.

STREET FIXTURES

P. A. MEDIUM VOLTAGE STREET FIXTURES.

No. 806.

These Fixtures Are Furnished with Medium Voltage Insulators, Affording a Perfect Fixture for Medium Tension Work at a Low Price.

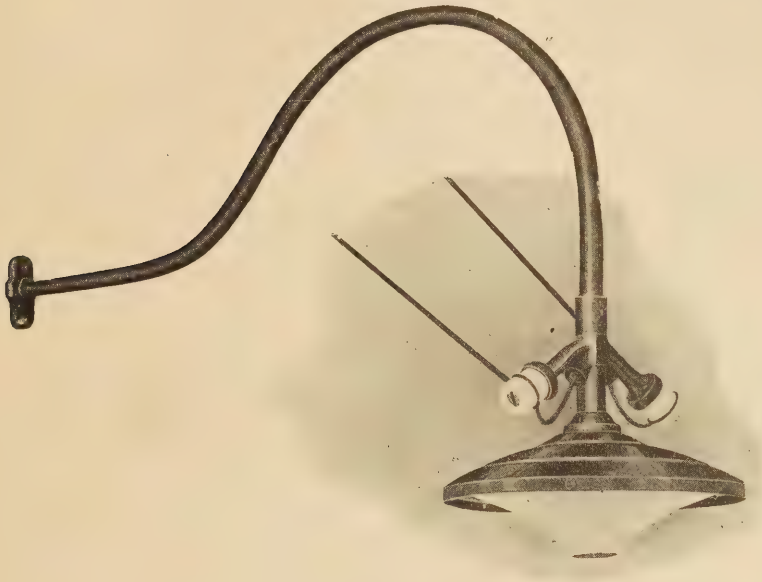
Code Word.	List No.		List Price. Each.
Zofug	806	Complete with goose-neck No. 820, back plate No. 821, medium voltage insulators No. 823, fixture head No. 824, combination yoke and receptacle No. 826, copper hood No. 830, and porcelain enameled steel deflector No. 831	$5.00
Zofuh	807	Same as above, except with fixture head No. 825 and without combination yoke and receptacle	4.50
Zofuk	808	Complete with goose-neck No. 820, back plate No. 821, medium voltage insulators No. 823, fixture head No. 824, combination yoke and receptacle No. 826, copper hood No. 830, and nickel plated deflector No. 832	5.50
Zoful	809	Same as above, except with fixture head No. 825 and without combination yoke and receptacle	5.00
Zofum	810	Complete with goose neck No. 820, back plate No. 821, medium voltage insulators No. 823, fixture head No. 824, combination yoke and receptacle No. 826, black steel hood No. 833, and white enameled steel deflector No. 834	3.50
Zofun	811	Same as above, except with fixture head No. 825, and without combination yoke and receptacle	3.00

Fixtures Nos. 807, 809 and 811 are fitted with fixture head No. 825 (⅞ in.—18 thread), used with yokes and series sockets, listed on page 77.

Fixtures Nos. 806, 808 and 810 can also be furnished with nipple No. 827, concave washer No. 828, and check nut No. 829. Adapted to use with any socket, ⅜ in. cap, at the same list price, but orders must so specify.

STREET FIXTURES

P. A. LOW VOLTAGE STREET FIXTURE.



No. 812.

These fixtures are furnished without insulation between the gooseneck and fixture head and are especially adapted for use on low voltage lines, multiple work.

Code Word.	List No.		List Price Each.
Zofub	**812**	Complete with gooseneck No. 820, back plate No. 821, fixture head No. 824, combination yoke and receptacle No. 826, copper hood No. 830, and porcelain enameled steel deflector No. 831.....	**$4.40**
Zofud	**813**	Complete with gooseneck No. 820, back plate No. 821, fixture head No. 824, combination yoke and receptacle No. 826, copper hood No. 830, and nickle plated deflector No. 832.....	**4.90**
Zofuf	**814**	Complete with gooseneck No. 820, back plate No. 821, fixture head No. 824, combination yoke and receptacle No. 826, black steel hood No. 833, and white enameled steel deflector No. 834.....	**2.90**

Fixtures Nos. 812, 813 and 814 can also be furnished with nipple No. 827, concave washer No. 828, and Check nut No. 829, adapted to use with any socket, ⅜-inch cap, at the same list price, but orders must so specify.

STREET FIXTURE PARTS.

No. 824.

IRON GOOSENECK.

Code Word.	List No.		List Price, Each.
Zoxim	820	¾ in. pipe, 4 foot extension, threaded both ends	$ 1.00

No. 822.

FIXTURE HEADS

Zofok	824	⅜ in.-18 pipe thread, with porcelain insulators	.80
Zofol	825	⅞ in.-18 pipe thread, with porcelain insulators	.90

Used with series socket and receptacles Nos. 838 and 840.

No. 823.

INSULATORS.

HIGH VOLTAGE.

Zofom	822		1.20

MEDIUM VOLTAGE.

Zofon	823		.60

No. 827

NIPPLE.

Zofop	827	(⅜"-18 Pipe Thread)	.10

No. 828.

CONCAVE WASHER.

Zofor	828		.06

No. 829.

CHECK NUT.

Zofos	829	(⅜"-18 Pipe Thread)	.05

No. 40791

PORCELAIN KNOB.

FOR STREET FIXTURE HEAD.

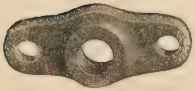
Zofot	40791		.04

No. 40792

MACHINE SCREW.

FOR FASTENING KNOB.

Zofov	40792		.05



No. 821.

BACK PLATE.

Zoviw	821		

STREET FIXTURE PARTS.

No. 826.

COMBINATION YOKE AND EDISON RECEPTACLES.

FOR STANDARD EDISON SCREW BASE LAMPS.

Code Word.	List No.		List Price. Each.
Zofu	826		$ .50

SERIES SOCKETS.

No. 838.

FOR LARGE EDISON SCREW BASE LAMPS.

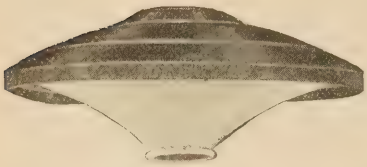
Zofow	838	Porcelain series socket and receptacle complete, including iron yoke (⅞"-18 pipe thread), used with fixture head No. 825 (⅞"-18 pipe thread)	2.00
Zofox	839	Porcelain series socket and receptacle complete, including iron yoke (⅜"-18 pipe thread), used with fixture head No. 824 (⅜"-18 pipe thread)	2.00

No. 840.

FOR STANDARD EDISON SCREW BASE LAMPS.

Zofoz	840	Porcelain series socket and receptacle complete, including iron yoke (⅞"-18 pipe thread), used with fixture head No. 825 (⅞"-18 pipe thread)	2.00

STREET FIXTURE HOODS AND REFLECTORS.



No. 830.

COPPER HOOD

PORCELAIN ENAMELED DEFLECTOR.

14 Inches.

Hood made of heavy, hard copper, Deflector porcelain enameled on steel.

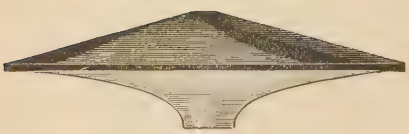
Code Word.	List No.		List Price, Each.
Zohap	830	Copper hood	$1.24
Zohar	831	Porcelain enameled steel deflector	1.26
Zohas	832	Nickel plated deflector	1.54

No. 833.

STEEL HOOD AND DEFLECTOR.

14 Inches.

Zohat	833	Black steel hood.....	.49
Zohav	834	White enamel steel deflector	.49



No. 835.

STEEL HOOD AND DEFLECTOR.

18 Inches.

Hood Painted Black and Deflector White Enameled.

Zohaw	835	Hood and deflector...	1.68

No. 836.

BRACKET HOOD

15 Inches.

Fits ⅜ inch Iron Pipe and Takes ⅜ inch Sockets.

Zohax	836	Hood and deflector without socket	.84

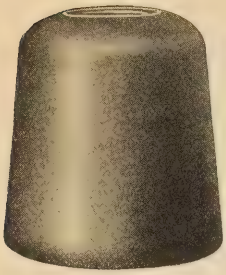
No. 837.

STREET FIXTURE SHADES.

14 Inches.

Zohaz	837	Porcelain enameled steel shade	1.26
Zohe	838	Paint enameled steel shade	.56

STREET FIXTURE INSULATORS.



No. 44697.

P. A. HIGH VOLTAGE FIXTURE INSULATOR.

TESTED FOR 100,000 VOLTS.

Top Tapped for 1¼ inch Female Thread.

Bottom Tapped for ¾ inch Male Thread.

Adapted for use on street fixtures for high voltage, where fixture is wired from inside, and insulator is hollow

Code Word.	List No.		List Price, Each.
Zopom	44697	.....	$2.00

No. 44698.

P. A. HIGH VOLTAGE FIXTURE INSULATOR.

TESTED FOR 60,000 VOLTS.

Top Tapped for ¾ inch Female Thread.

Bottom Tapped for ¾ inch Male Thread.

Zopon	44698	.....	1.20

No. 44865.

P. A. MEDIUM VOLTAGE FIXTURE INSULATOR.

Zobim	44865	....	.70

No. 44699.

HIGH VOLTAGE ARC LAMP INSULATOR.

TESTED FOR 58,000 VOLTS.

This insulator is especially adapted for high tension work, and is perfectly strong mechanically.

Zopop	44699	.....	1.40

WHEELER TUNGSTEN STREET FIXTURE.

FOR OVERHEAD CONSTRUCTION.

No. 30057.

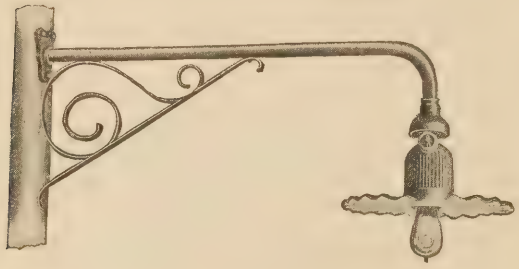
No. 30058.

Wheeler Fluted Street Reflector, 18 inch diameter, porcelain enameled steel, with iron hood galvanized after forming, and heavily japanned. Cast canopy with cross arms cast in one piece with it and lugs cast inside for attaching sockets. Double petticoat glass insulator and heavy iron hanger.

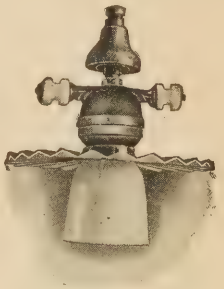
Four foot gooseneck of ¾ inch iron pipe, and three hole flange for No. 30057.

Center span suspension for No. 30058.

Code Word.	List No.	Mfr. No.		List Price Each.
Zadixim	30057	775	Fixture Complete with Bracket, as shown	$5.15
Zadixin	30058	776	Fixture Complete with Center Span Suspension, as shown	5.00
Zadixip	30059	777	Body only, with Reflector, Canopy, Insulator and Hanger	4.35



No. 30066.



No. 30061.

Four foot bracket of ¾ inch pipe, three hole flange, wrought iron scroll, high tension mica insulating joint, canopy and cross arms cast in one piece, porcelain knobs and 16 inch Fluted Porcelain Enameled Steel Reflector.

Zadixis	30065	719	Fixture Complete with Plain Gooseneck and No. 721 Body	4.90
Zadixit	30066	720	Fixture Complete with Ornamental Bkt., as shown.	6.75
Zadixiv	30061	721	Body only, with Fluted Reflector and Insulating Joint	4.20
Zadixiw	30062	722	Body only, with Fluted Reflector without Insulating Joint	3.10
Zadixix	30063	723	Body only, without Fluted Reflector, but with Insulating Joint	2.60
Zadixiy	30064	724	Body only, without Fluted Reflector or Insulating Joint	1.50

FOR USE WITH No. 243 HOLOPHANE REFLECTOR.

Zadadil	26814	725	Fixture Complete with Bracket (as on No. 720) and Body No. 726	7.00
Zadadim	26815	726	Body only, with Fluted Reflector and Insulating Joint	4.45
Zadadin	26816	727	Body only, with Fluted Reflector without Insulating Joint	3.35
Zadadip	26817	728	Body only, without Fluted Reflector, but with Insulating Joint	2.85
Zadadir	26818	729	Body only, without Fluted Reflector or Insulating Joint	1.75

With all above fixtures use Series Sockets No. 25708 without iron yoke. Prices do not include Holophane Shades or Sockets. These on application. Can be fitted for multiple sockets if specially ordered.

WHEELER TUNGSTEN STREET FIXTURES.

This line of substantially built street fixtures is designed after the latest practice in street illumination with Tungsten lamps.

No. 32375.
Showing Wheeler Fluted Street Reflector.

WHEELER FLUTED STREET REFLECTORS.

The Wheeler Fluted Street Lighting Reflector is of Porcelain Enameled Steel, 18 inches in diameter, with radial corrugations and adjusted to the proper position with relation to the filament to give a wide light distribution and a maximum of intensity at an angle between 10 and 15 degrees below the horizontal. As a support and protection against the lodgement of snow and sleet there is edged in around the reflector an Iron Hood, galvanized after forming and heavily japanned. Lugs are cast inside the Cast Canopy for attaching the receptacle of series cut-out socket with the iron yoke removed.

WHEELER TUNGSTEN STREET FIXTURE NO. 820.

For Conduit Construction and Ornamental Lighting.

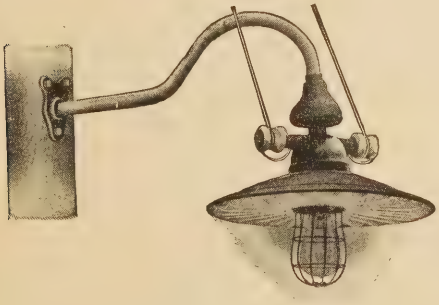
A Wheeler Fluted Reflector described above, high tension mica insulating joint, four foot bracket of 1¼ inch iron pipe, heavy flange and wrought iron scroll. A heavy wire lamp guard may be screwed into the Reflector as a protection against malicious breakage.

Heavily insulated wires may be run through the 1¼ inch bracket.

The body only (No. 822-3-4) may be used on the Crook of an ornamental iron pole.

No. 32371.

Code Word.	List No.	Mfr. No.		List Price.
Zadufec	32371	820	Fixture complete with bracket, ornamental scroll, insulating joint and guard as shown	$11.00
Zadufed	32372	821	Fixture complete with bracket, ornamental scroll, insulating joint but without guard	10.00
Zadufef	32373	822	Body only with insulating joint and guard	6.80
Zadufeg	32374	823	Body only with insulating joint but without guard.	5.80
Zadufeh	32375	824	Body only without insulating joint or guard	4.70



WHEELER TUNGSTEN STREET FIXTURE NO. 770.

For Overhead Construction.

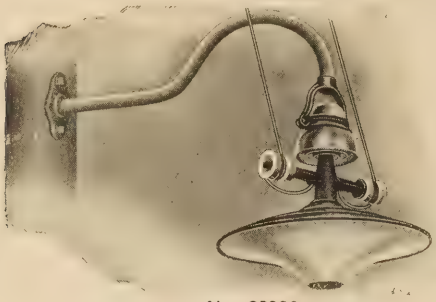
A Wheeler Fluted Reflector described above, but with a canopy having cross arms cast in one piece with it, high tension mica insulating joint tested to 34,000 volts, four foot gooseneck of ¾ inch iron pipe and three hole flange. A heavy wire lamp guard may be screwed into the Reflector as a protection against malicious breakage.

No. 22821.

Zacines	22821	770	Fixture complete with gooseneck, insulator and lamp guard	7.50
Zacinet	22822	771	Fixture complete with gooseneck, insulator but without guard	6.50
Zacinev	22823	772	Body only with insulator and guard	6.80
Zacinew	22824	773	Body only with insulator but without guard	5.80
Zacinex	22825	774	Body only without insulator or guard	4.70

With above fixtures use Series Sockets No. 25708 without iron yoke. Prices do not include sockets. These on application. Can be fitted for multiple sockets if specially ordered.

WHEELER STREET FIXTURES.



No. 22826.

WHEELER HIGH-TENSION STREET FIXTURE.

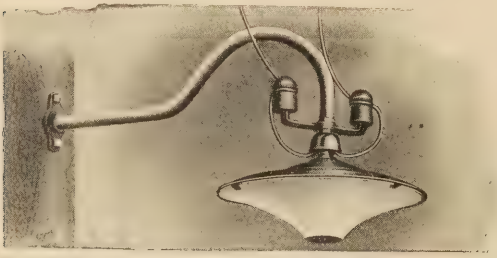
No. 737. Glass I. ›ted.

May be used for Tungste. ghting, with 18 inch hood and deflector.

Deep-groove, double petticoat glass insulator, with heavy iron hanger. Malleable iron cross-arms and porcelain insulators. Four foot gooseneck, of ¾ inch iron pipe; 14 inch hood and deflector.

Code Word.	List No.	Mfr. No.		List Price Each.
Zaciney	22826	737	Fixture complete with 14 in. painted hood and deflector.	$2.70
Zacinez	22827	738	Fixture complete with 18 in. painted hood and deflector.	3.20

Can be furnished with copper hood and porcelain enameled deflector. Price on application.

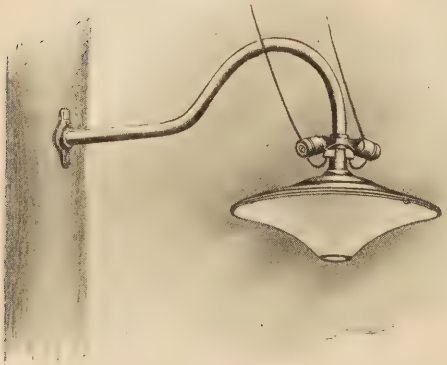


No. 11020.

No. 650. Mica Insulated Street Fixture.

Mica Insulating Joint. Tested for 5000 volts. Iron Cross Arm with Glass Insulators. Three-quarters in. Iron Gooseneck 4 ft. long.

Code Word.	List No.			List Price Each.
Zabovev	11020	650	With No. 652 14-inch Hood and Deflector...	2.70



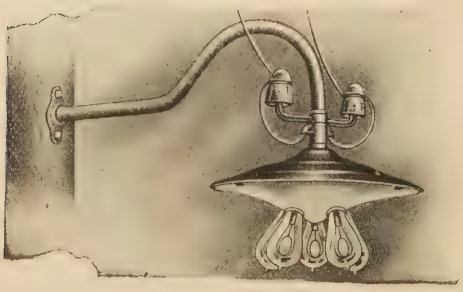
No. 32376.

No. 747.

Four foot Gooseneck of ¾ inch iron pipe. Iron Cross Arms with Porcelain Knobs; 14 inch painted hood and deflector.

Zadufek	32376	747	With No. 652 14-inch painted hood and deflector.....	2.00

With above use Series Sockets No. 25708. Prices do not include sockets. These on application. Can be fitted for multiple sockets if specially ordered.



No. 11022.

No. 790. Cluster Fixture.

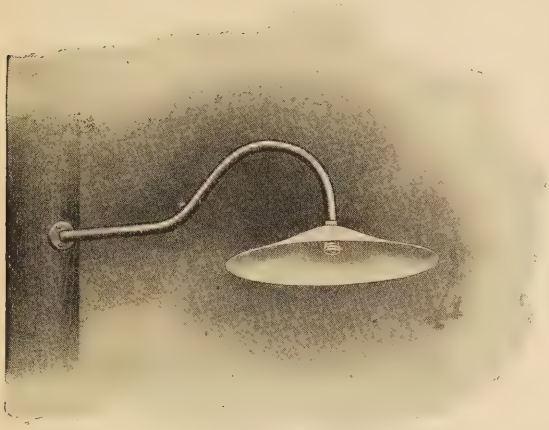
Porcelain Sockets securely fastened to Deflector. Iron Cross Arm with Glass Insulators. Three-quarters in. Iron Gooseneck 4 ft. long.

Fourteen inch Hood and White Enameled Deflector, including Sockets.

Zabovex	11022	790	5-light...	3.80
Zabovaz	11004	791	4-light...	3.65
Zabove	11005	792	3-light...	3.50
Zaboveb	11006	793	2-light...	3.35

For price of Hood only, including Sockets, deduct $1.40 from above prices.

WHEELER STREET FIXTURES



No. 47018.

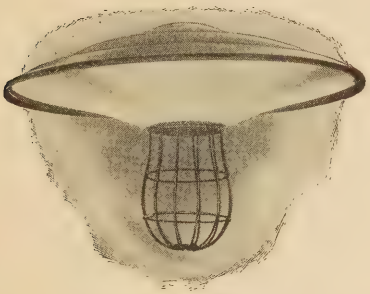
Wheeler Incandescent Fixture With Porcelain Enameled Shade.

14-inch hood, made of steel, porcelain enameled, giving a clear, white surface.

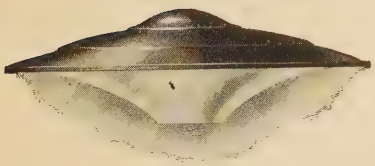
Three-eighths inch iron gooseneck 3 feet long, fitted with round iron pole flange.

Any length to order.

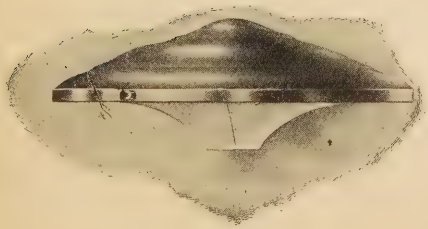
Code Word	List No.	List Price Each
Zababiz	**47018** 730 With No. 758 porcelain enameled shade	**$1.70**
Zababo	**47019** 731 With No. 759 Paint Enameled shade	**1.20**
Zababob	**47020** 758 14-inch porcelain enameled steel shade..	**.90**
Zababod	**47021** 759 14-inch paint enameled steel shade	**.40**



No. 47023.



No. 47017.



No. 11053.

TUNGSTEN HOODS AND DEFLECTORS.

Zababof **47022** 711
18-inch steel painted hood and paint enamel deflector (No. 707 and 709) **$1.40**

Zababog **47023** 712
18-inch steel painted hood and paint enamel deflector (No. 707 and 709), with heavy brass guard for Tungsten lamps, as shown.. **2.40**

Zafedon **35173** 713
18-inch steel painted hood and porcelain enamel steel deflector (No. 707 and 710)..... **2.10**

Zafedop **35174** 714
18-inch steel painted hood and porcelain enamel steel deflector (No. 707 and 710), with heavy brass guard for Tungsten lamps, as shown **3.10**

Zafedor **35175** 715
18-inch copper hood and porcelain enamel steel deflector, with or without guard. Prices on application.

Zafedos **35176** 707
18-inch steel hood painted black.. **.70**

Zafedot **35177** 708
18-inch copper hood. Prices on application.

Zafedov **35178** 709
18-inch steel deflector painted white enamel ..... **.70**

Zafedow **35179** 710
18-inch genuine porcelain enameled steel deflector **1.40**

14-INCH HOODS AND DEFLECTORS.

Zababix **47017** 652
14-inch steel painted hood and paint enamel deflector, as shown (No. 653 and 654)..... **$0.70**

Zabovo **11053** 767
14-inch copper hood and porcelain enamel deflector, as shown (No. 757 and 655). Prices on application.

Zabovob **11054** 653
14-inch steel hood painted black.. **.35**

Zabovoc **11055** 755
14-inch galvanized steel hood painted black ..... **.45**

Zabovod **11056** 654
14-inch steel deflector painted white enamel ..... **.35**

Zabovoh **11059** 655
14-inch genuine porcelain enameled steel deflector..... **.90**

WHEELER TUNGSTEN STREET FIXTURES.

FOR ORNAMENTAL BOULEVARD AND PARKWAY LIGHTING.

No. 13813.

No. 840 Lantern.

Designed to serve as an ornamental and effective top for iron posts and especially to replace gas lanterns on posts already in position.

Diameter, 18 inches over all. Height, 40 inches over all.

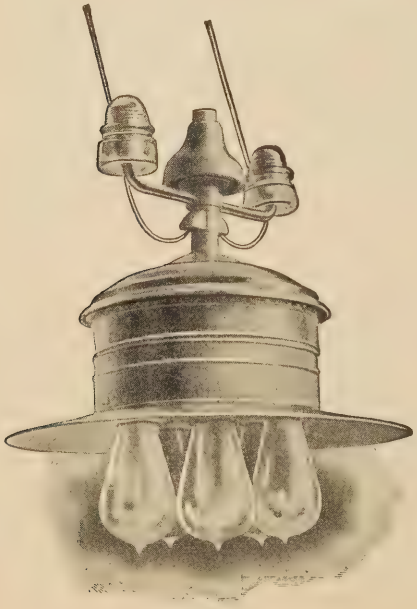
A 13½ inch opal glass dome rests on the framework and is held in position by the finial, which is secured firmly to the framework. Access to the lamp is had by lowering the clear glass bowl which is supported by a hinged door. The porcelain enameled steel reflector, while admitting a small amount of light to brighten the dome, at the same time diverts the stronger rays of upward radiated light from the lamp to a useful direction. Provision is made for the insertion of cut-out and switch, as well as a cable support if necessary, where the fixture is used with multiple lamps and on gas posts already standing.

Code Word.	List No.	Mfr. No.		List Price Each.
Zabuwop	13813	840	Complete with glassware.....	$22.00

Prices do not include Sockets, Cut-outs, Switches or Cable Supports. These on application.

WHEELER TUNGSTEN SERIES CLUSTER FIXTURE.

NO. 803.—5-LIGHT FOR SERIES TUNGSTEN LAMPS, WATERPROOF.



No. 13814.

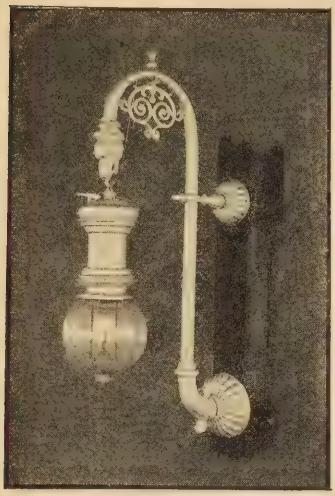
20½ inch Porcelain Enameled Steel Reflector. Malleable Iron Cross Arms. Pony Glass Insulators. High Tension Mica Insulating Joint tested to 34,000 volts.

Zabuwor 13814	803	5-light for series sockets, as shown, without gooseneck	9.00
Zabuwos 13815	804	5-light for series sockets with 4 foot gooseneck of ¾ inch iron pipe and flange.	9.70

With above use Series Sockets No. 25708 without iron yoke.

Prices do not include sockets. These on application.

ARC LAMP BRACKETS AND POLE FIXTURES.



No. 44688.

SMALL ARC LAMP BRACKETS.

Ornamental.

Code Word.	List No.	Mfr. No.	List Price, Each.
Zopiz	44688	1018	$24.00
Zopo	44689	1019 With absolute cut-out	30.00

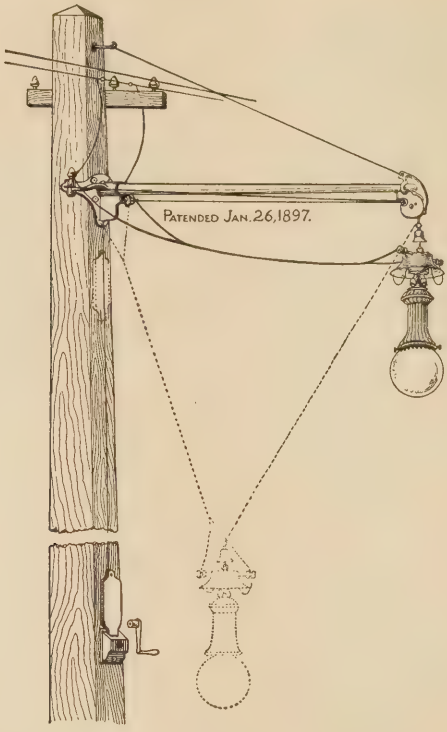
No. 44690.

ARC LAMP POLE.

Ornamental Arc Lamp Pole, with Absolute Cut-Out Complete, for Series or Multiple Lamps.

Zopob	44690	For single light	56.00
Zopod	44691	For double light	76.00
Zoxin	45200	Ornamental top, without pole	32.00
Zoxip	45201	Pole, without ornamental top	24.00

PHILBRICK MAST ARM.

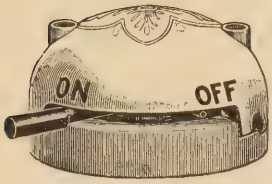


This Mast Arm is extremely rigid, as the side guys are directly connected to the base casting, which also is arranged for the reception of pins, making the use of an unsightly break arm unnecessary.

It can be easily, quickly and safely installed by two men. It occupies but little pole room, the guys and arms being all on one side of the pole. The weight of the lamp is nearly counterbalanced by a weight which forms part of the simple locking device. As the entire method of suspension is exposed by simply lowering the lamp, positive inspection is readily permitted (see cut). In lowering the lamp it is automatically swung into the foot of the pole, an advantage so obvious that it needs no comment.

Code Word.	List No.		List Price Each.
Zices	10294	Standard length, 12 feet, complete	$20.00
Zicet	10295	Extra length, per foot	.50

LUNDIN SPECIALTIES.

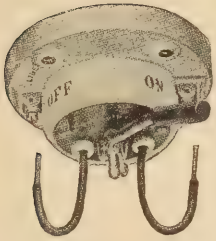


No. 12430.

SERIES WALL SWITCH,

with absolute cut-out. All porcelain.

Code Word.	List No.	List Price, Each.
Boughs	12430	$5.00

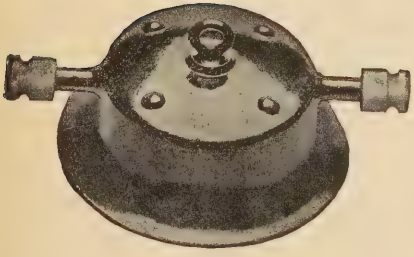


No. 12431.

HANGER BOARD,

with absolute cut-out, for series arc lamps. For indoor use.

Boughty	12431	5.60

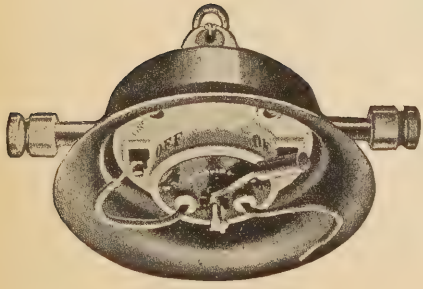


No. 12432.

HANGER BOARD,

with hood, ring hanger and absolute cut-out, for series arc lamps, for outdoor use.

Boulevards	12432	7.70



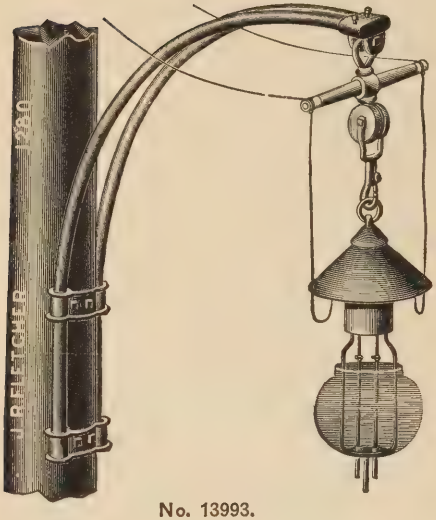
No. 12433.

HANGER BOARD,

with hood, insulated hanger and absolute cut-out, for series arc lamps, for outdoor use.

Bounced	12433	8.00

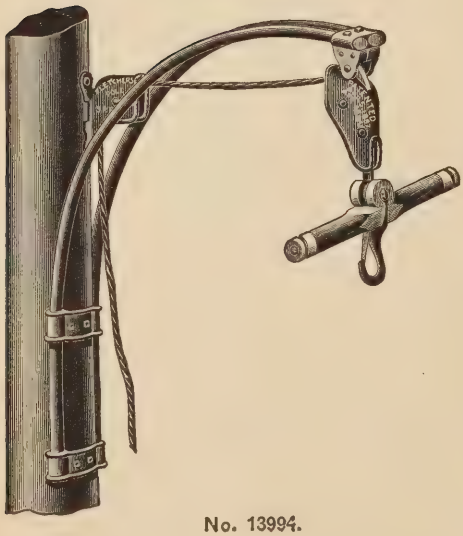
ARC LIGHT POLE BRACKET.



No. 13993.

TWO FOOT EXTENSION, WITH INSULATED CROSS ARM, COMPLETE.

Code Word.	List No.	Mfrs. No.	List Price Each.
Exposed	13993	1280.....	$3.00

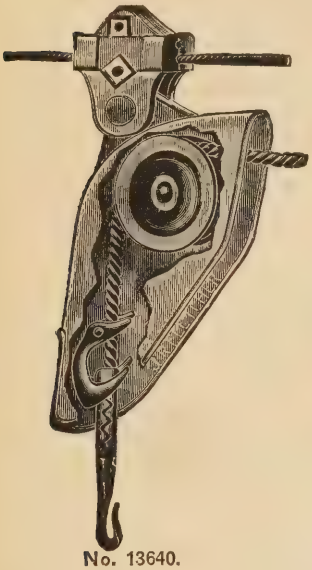


No. 13994.

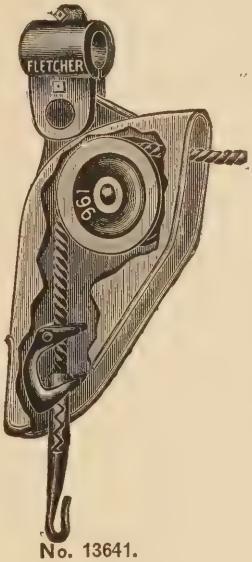
Exposition	13994	1284.....	3.00

AUTOMATIC SUSPENSION PULLEYS.

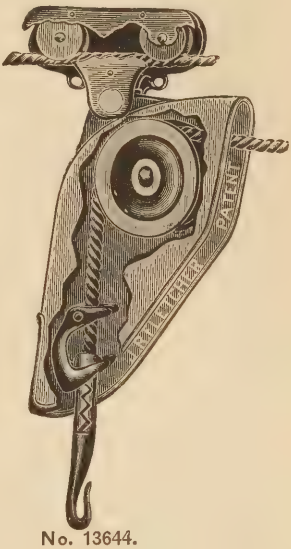
THESE SUSPENSION PULLEYS TAKE ½ INCH ROPE OR ¼ INCH FLEXIBLE IRON CORD. THEY CAN BE FURNISHED WITH ANY STYLE HOOK DESIRED.



No. 13640.



No. 13641.



No. 13644.

Code Word.	List No.	Mfr. No.		List Price Each.
Emmets	13640	950A	With plain hook	$ .90
Emollients	13641	961	With clamp to fit 1 inch pipe and plain hook	.90
Emoluments	13642	961	With clamp to fit 1¼ inch pipe and plain hook	.90
Emotions	13643	961	With clamp to fit 1½ inch pipe and plain hook	.90
Empaled	13644	951A	With malleable hook	1.50

To obtain prices on pulleys with other style hooks deduct list price of plain hook and add list price of hook desired.

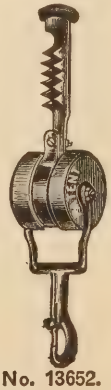
HOOKS.

No. 13648.

No. 13649.

No. 13650.

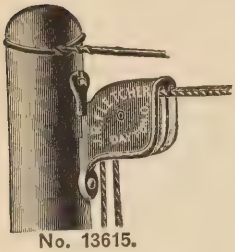
No. 13651.



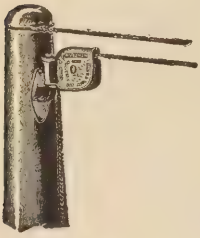
No. 13652.

Emphasized	13648	980		.12
Emphatics	13649	981		.12
Empires	13650	982		.40
Empirics	13651	983		.45
Employs	13652	984		.54

SLEET PROOF POLE PULLEYS.



No. 13615.



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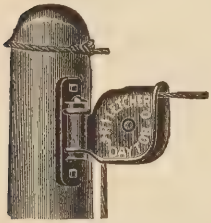

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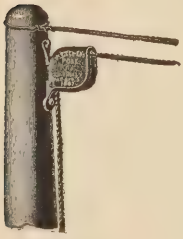
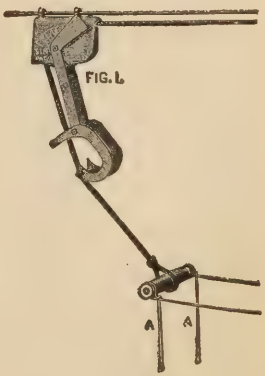


No. 13621.

Code Word.	List No.	Mfr. No.		List Price Each.
Embezzled	13615	929	Midget Pole Pulley, for ¼ inch rope	$0.30
Emblazons	13616	939	Medium Pole Pulley, for ½ inch rope	.42
Emblematics	13617	938	Jumbo Pole Pulley, for 1 inch rope	.90
Embodys	13618	940	Swivel Pole Pulley, for ½ inch rope	.42
Emborders	13619	941	Swivel Pole Pulley, for 1 inch rope	1.00
Emboldens	13620	943	Riveted Swivel Pole Pulley..	.40
Embosoms	13621	942	Swivel Pole Pulley, 2 wheels	.60

DANALS ARC LIGHT SUPPORT.

Embosses	13622	Complete with Pulley	1.50



No. 13622.

SLEET PROOF PULLEYS

No. 13605.

Code Word.	List No.	Mfr. No.		List Price Each.
Embanks	13605	954	Midget, takes ¼-inch rope, for incandescent lamps only	$ .60
Embarks	13606	953	Medium, takes ½-inch rope or ¼-inch flexible iron cord	.85
Embarrassed	13607	955	Jumbo, takes 1-inch rope...	1.20

No. 13608.

"SURE GRIP" SLEET-PROOF PULLEY.

Embassadors	13608	960	Fletcher Sure Grip Sleet-Proof Pulley, takes ½-inch rope	1.60

Includes everything necessary except rope.

No. 13610.

DUPLEX PULLEY.

Takes ½-Inch Rope.

Embassys	13610	.....	1.20

No. 13611.

TWIN PULLEY.

Takes ½-Inch Rope.

Embattled	13611	.....	1.00

INSULATED CROSS ARMS.

No. 13623.

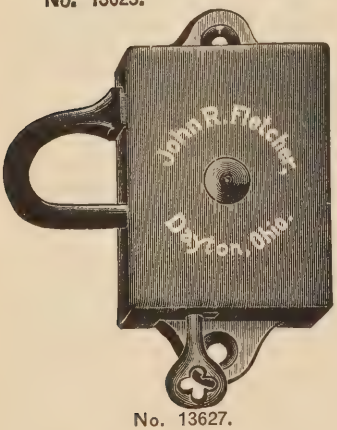
INSULATED CROSS ARMS.

Code Word.	List No.	Mfr. No.		List Price, Each.
Embowels	13623	964	With any style hook	$ .70
Embowers	13624	966	Plain cross arm	.25

No. 13625.

ROPE END CLAMP.

Embraced	13625	968	¼ inch.....	.08
Embrasures	13626	969	½ inch.....	.10



No. 13627.

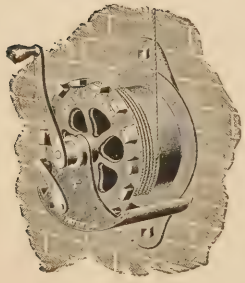
POLE LOCK.

Embroiders	13627	962	.35

SAFETY WINDLASSES.

For Wood Poles—With Lock and Key.

Embroils	13628	Fletcher's Safety Windlass, takes 35 feet iron flexible cord	2.60
Embryos	13629	Fletcher's Safety Windlass, takes 40 feet rope.....	3.00
Embryonics	13630	Handle (or crank) for either of above	.50
Emends	13631	Wall Windlass, takes 35 feet ¼-inch flexible iron cord.	2.60
Emendso	13632	Wall Windlass, takes 40 feet ½-inch rope	3.00
Emerged	13633	Handle (or crank) for either of above	.50



FLAT BACK.

Not to be used on walls, but is designed especially for square poles.

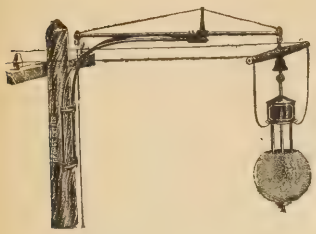
Emersions	13634	Windlass, takes 35 feet flexible iron cord.....	2.60
Emigrated	13635	Windlass, takes 40 feet rope	3.00
Eminents	13636	Handle (or crank) for either of above	.50

OCTAGON.

This windlass designed especially for octagon poles; we must know the size of the facets so as to insure a perfect fit.

Emissarys	13637	Windlass, takes 35 feet flexible iron cord.....	2.50
Emissions	13638	Windlass, takes 40 feet rope	3.00
Emitted	13639	Handle (or crank) for either of above	.50

CUTTER SPECIALTIES.



No. 43061.

CUTTER'S SWINGING ARC FIXTURE.

Holds the lamp 5 feet from the pole, but swings it in for trimming.

Code Word.	List No.		List Price, Each.
Calamitous	43061	Complete with high voltage cross-arm	$3.60
Calamity	43062	Same, with combination cross-arm	3.50

No. 43063.

CUTTER'S BRACE ARM.

This brace arm consists of an insulating arm securely bolted to a specially designed plate which fits the pole. It is more easily and more quickly put on than the ordinary cross-arm with its pins and insulators, besides making a much neater job.

Calcareous	43063	Complete	.28

No. 43064.

CUTTER'S SPREADER HOOK.

A compact ceiling insulator with self-binding knobs for guiding the line wires. Strongly made of malleable iron, with porcelain insulation. A common sense hanger for indoor arc lamps.

Calcimine	43064	Complete	.35

No. 43065. No. 43066.

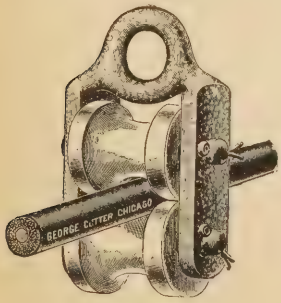
CUTTER'S REVOLUTE INSULATOR.

Calendar	43065	For arc light wiring.....	.10

CUTTER'S CEILING HOOK.

A simple, compact and strong insulator for supporting indoor arc lamps.

Calender	43066	Complete	.25



No. 43067.

THE CUTTER SWINGING TREE INSULATOR.

It is readily hung from a hook or wire twisted through the loop at the top, and by lengthening this wire the device will adapt itself to a wide range of conditions. It can also be used for supporting arc light wires under iron roofs.

Calf	43067	Per dozen	2.00

CUTTER SPECIALTIES

No. 43068.

CUTTER'S STREETHOOD NOZZLE.

An open-side nozzle to fit either the regular multiple sockets (⅜ in. brass thread), or the larger series sockets (⅝-in. iron thread).

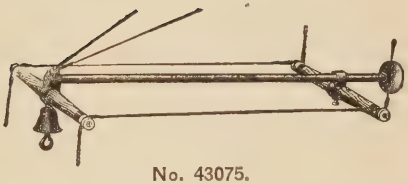
Code Word.	List No.		List Price. Each.
Caliber	43068	For series sockets (⅝ in. iron thread)	$ .10
Calipers	43069	For multiple sockets (⅜ in. brass thread)	.10

No. 43073.

CUTTER'S POLE ARC FIXTURE.

The popular two-foot pole fixture. Holds the lamp away from the pole so as to bring it out of the line of the shade trees.

Calyx	43073	With high voltage cross-arm	2.60
Campaign	43074	Same with combination cross-arm (rubber bell insulator)	2.50



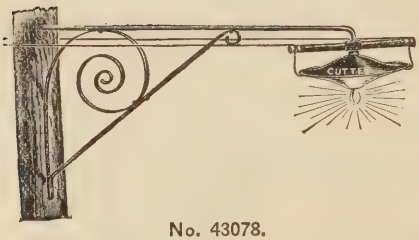
No. 43075.

CUTTER'S OUTRIGGER.

Has an enameled inner guide-arm clamped to the pipe and a head-piece with either combination cross-arm or high voltage cross-arm fitted direct to it.

Camphine	43075	Six foot, with high voltage cross-arm	1.80
Canary	43076	Six foot, with combination cross-arm	1.70

Other sizes built to order on short notice.

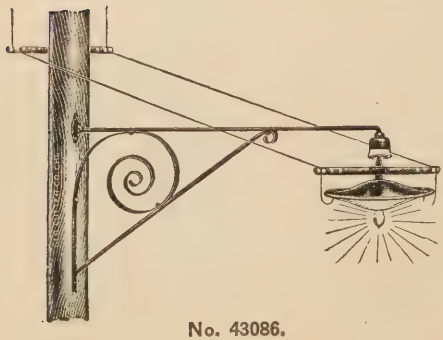


No. 43078.

CUTTER'S BOULEVARD STREETHOOD.

An ornamental form of Cutter's Streethood, with a five-foot bracket and wrought-iron scroll trimmings. (Other lengths or special designs made to order on short notice).

Cancer	43077	With brace-arm and T-H socket.	2.50
Candidacy	43078	Same, with Westinghouse socket..	2.50
Candidate	43079	Same, with Edison socket	2.50
Candle	43080	Same, without socket or nozzle.....	2.25
Condor	43081	Without brace-arm, but with T-H socket	2.22
Candy	43082	Same, with Edison socket	2.22
Cane	43083	Same, with Westinghouse socket..	2.22
Canine	43084	Same, without socket or nozzle.	1.97



No. 43086.

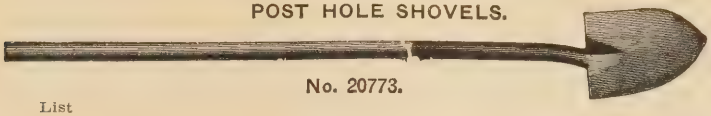
CUTTER'S "AVENUE" STREETHOOD.

Same as the above, with a high voltage insulator to adapt the fixture for use on high potential circuits.

Canister	43085	Without brace-arm, but with T-H base porcelain shell socket.....	2.70
Canker	43086	Same, with Edison socket	2.70
		Same, with Westinghouse socket..	2,70
Cannel	43087	Same, without socket or nozzle.	2.45

TOOLS.

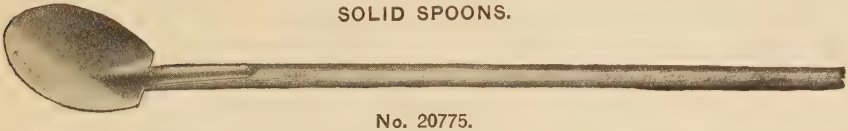
POST HOLE SHOVELS.



No. 20773.

Code Word.	List No.		List Price Per Doz.
Zabinoc	20773	8 foot Shovel	$16.00
Zabinod	20774	9 foot Shovel	18.00

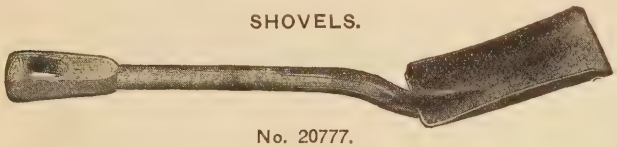
SOLID SPOONS.



No. 20775.

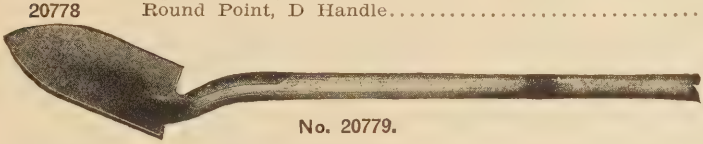
Zabinof	20775	8 foot Spoon	17.25
Zabinog	20776	9 foot Spoon	18.00

SHOVELS.



No. 20777.

Zabinoh	20777	Square Point, D Handle	10.60
Zabinok	20778	Round Point, D Handle	10.75



No. 20779.

Zabinol	20779	Square Point, Long Handle	10.60
Zabinom	20780	Round Point, Long Handle	10.75

LOY or "SLICK" DIGGING TOOL.

A very useful tool for digging post holes in clay soil.

No. 20781.

			Each.
Zabinon	20781	Hardwood Handle, with Steel Point	3.50

TAMPING BARS.

Hardwood Handle. Iron Shoe.

No. 20782.

Zabinop	20782	7 foot Tamping Bar	1.75

TAMPING AND DIGGING BAR.

No. 20783.

			Per Lb.
Zabinor	20783	1⅛ inch Round Solid Steel, 8 feet long; weight, 33 lbs.	.10

CROW AND DIGGING BARS.

No. 20784.

Zabinos	20784	1⅛ inch Octagon Solid Steel, 8 feet long; weight, 30 lbs.	.10

TOOLS.

PIKE POLE.

No. 42401.

Code Word.	List No.		List Price Per Doz.
Typer	42401	12 feet long	$16.00
Validity	42402	14 feet long	17.00
Styles	42403	16 feet long	18.00
Striven	42404	18 feet long	20.00
Subtler	42405	20 feet long	22.00

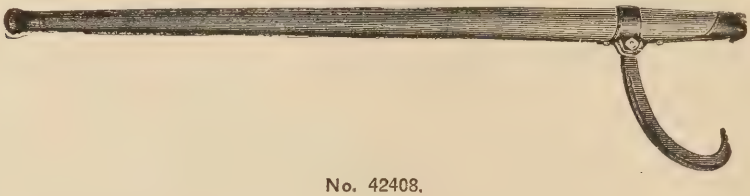
Prices of Larger Sizes on Application.

PIKE POLE WITH GUARD.

No. 42406.

Deployed	42406	8 foot handle	18.00
Terminated	42407	10 foot handle	19.00

CANT HOOK.



No. 42408.

Deponed	42408	4½ feet long	17.50

SOCKET PEAVY.

No. 42409.

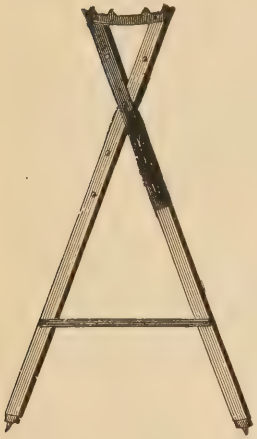
Urgents	42409		18.00

LUG OR GRAPPLING HOOK.

No. 42410.

Complexes	42411	With Swivel Bearing. 4½ foot handle	24.00
Exacted	42410	Without Swivel Bearing. 4½ foot handle	20.00

TOOLS



No. 400.

POLE SUPPORTS.

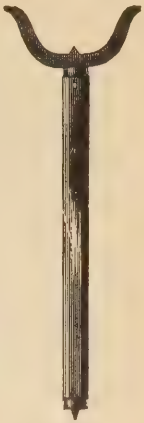
JENNEY PATTERN.

Code Word.	List No.		List Price Each.
Lubricated	400	Jenney pole supporter, height 6 feet.....	$8.00
Lucerny	401	Jenney pole supporter, height 7½ feet... ..	9.00

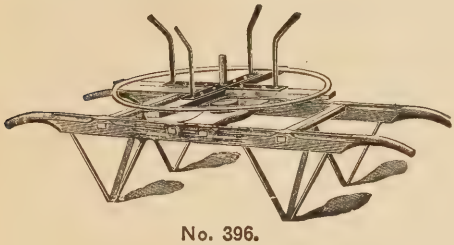
MULE PATTERN.

Lovals	402	4½ feet	5.00
Insighted	40783	6 feet	6.00
Lyrics	40784	7½ feet	7.00

Light and very strong.



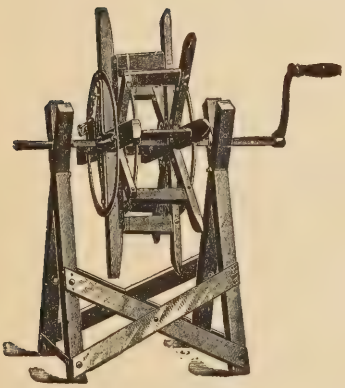
No. 402.



No. 396.

PAY-OUT AND TAKE-UP REEL.

Loris	396	Pay-out and take-up reel, heavy..	$16.00
Deprived	13350	Same, but much lighter	12.50
Depth	13351	Reel straps, per set	5.00



No. 397.

TAKE-UP REEL.

League	397	To make 12-in. coils, each..	24.00
Leader	398	To make 18-in. coils, each..	24.00

No. 13352.

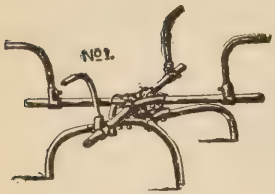
WAGON REEL.

To be bolted on wagon box.

Deputations	13352	Plain, each	10.00
Deputed	13353	Ball bearing, each.....	12.00

READY PAY-OUT REELS.

(Patented.)

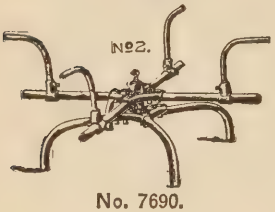


No. 7689.

STYLE NO. 1.

Plain Pay-Out Reels are made entirely of iron, interchangeable parts, cone bearings, and are adjustable to any size coil of wire. This Reel is best adapted for use with heavy wires, such as used by electric light and street railway companies. Approximate weight, 30 lbs.

Code Word.	List. No.		List Price, Each.
Zadewal	7689	.....	$9.00

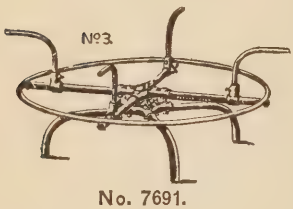


No. 7690.

STYLE NO. 2.

Plain Tension Pay-Out Reels are of same general design as No. 1, with the addition of tension attachment, which precludes the possibility of reels paying out too readily, thus insuring wires remaining taut at all times. We recommend this reel for use by telephone companies. Approximate weight, 31 pounds.

Zadewam	7690	.....	12.00

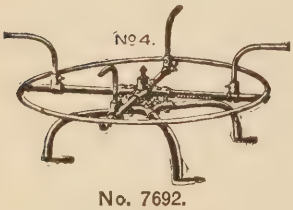


No. 7691.

STYLE NO. 3.

Band Pay-Out Reels are of the same style as No. 1, with band added, which prevents wires from dropping below reel. This style reel is for same uses as the No. 1. Approximate weight, 40 pounds.

Zadewan	7691	.....	15.00

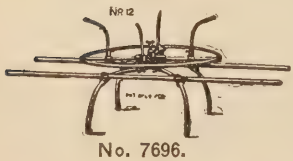


No. 7692.

STYLE NO. 4.

Band Tension Pay-Out Reels are a combination of all reels, making an ideal reel for telephone companies, especially for hard-drawn copper. This reel we would recommend as being adapted for all classes of work. Approximate weight, 41 pounds.

Zadewap	7692	.....	18.00

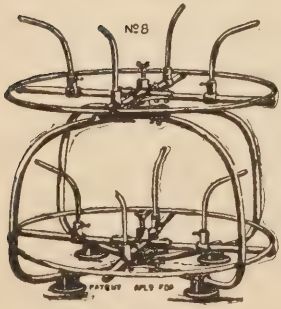


No. 7696.

STYLE NOS. 9 TO 12.

These are barrow styles as follows:

Zadewar	7693	No. 9 Regular No. 1 with Barrow	13.00
Zadewas	7694	No. 10 Regular No. 2 with Barrow	16.00
Zadewat	7695	No. 11 Regular No. 3 with Barrow	19.00
Zadewav	7696	No. 12 Regular No. 4 with Barrow	22.00



No. 7698.

TANDEM STYLES.

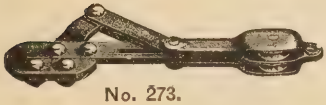
They are made in two styles, Plain Band Tandem and Band Tension Tandem. No. 7 Tandem consists of two No. 3 Reels, No. 8 Tandem of two No. 4. These reels can be carried in an ordinary wagon bed, having plates so that they can be held securely in place. Tandem Reels are especially adapted for toll-line or drop work.

Zadewaw	7697	No. 7 Plain Band Tandem.....	34.00
Zadewax	7698	No. 8 Band Tension Tandem..	40.00

TOOLS

BUFFALO GRIPS.

No. 270.



No. 273.

Code Word.	List No.		List Price Each.
Juleps	270	No. 1 Extreme opening .22 inch, holding wire from the smallest to No. 6, inclusive.....	$5.00
Jezebels	273	No. 1 with pulley, will accommodate rope ⅜ in.....	6.00
Journeys	271	No. 2 Extreme opening .35 inch, holding all sizes from the smallest to No. 0, inclusive..	8.00
Jellys	274	No. 2 with pulley, will accommodate rope 7/16 in.....	9.50
Jonquils	272	No. 3 Extreme opening .48 inch, holding all sizes of wire from the smallest to No. 0000, inclusive	12.00
Jetting	276	No. 3 with pulley, will accommodate rope ⅝ in.....	13.00

BUFFALO GRIP FOR INSULATED WIRE.

Will Not Injure the Insulation.

No. 11293.

Jacobins	11293	No. 4 .52 inch opening.....	8.00
Japans	12294	No. 5 .68 inch opening.....	10.00

Above with pulleys, $1.00 list additional.

No. 11297.

BUFFALO LINEMAN'S TOOL.

Latest adaptation to needs of line construction men. Self-adjusting brake, which holds securely under severest tension.

No. 96.

Jeopardized	11297	Lineman's tool, with No. 1 Grip, .22 in. opening.....	10.00
Jacquard	11298	Lineman's tool, with No. 2 Grip, .35 in. opening.....	13.00
Deceived	14751	Lineman's tool, with No. 4 Grip, .52 in. opening.....	13.00

PARALLEL SCREW CLAMP.

For Trolley Wire.

No. 197.

Platoons	96	Grooved for 0 to 00 trolley wire, 11 inch.....	3.00

HAVEN'S CLAMP.

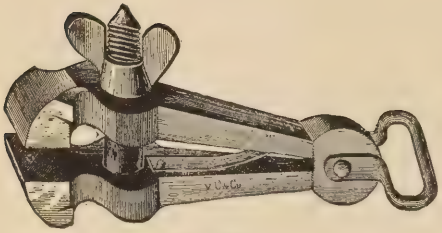
Plaudits	197	Small size for No. 8 wire and finer	3.00
Pledged	198	Large size or ½ inch and finer.	5.00

No. 22910.

"COME-ALONG" ECCENTRIC.

Brackets	22910	For No. 9 wire and finer, per doz.	10.00
Breaked	22911	For No. 3 wire and finer, per doz.	24.00
Branded	22912	For No. 000 wire and finer, per doz.	28.00

TOOLS



No. 456.

VISES.

CAST STEEL.

Code Word.	List No.		List Price, Each.
Germans	456	5½ inch, without strap	$2.20
Esculents	902	5½ in., with strap	3.50
Doffed	1153	5½ inch, copper-faced jaws	3.00
Doilys	1154	5½ inch, copper-faced jaws, with strap	4.30

VISE STRAPS.

Miens	458	Straps only	1.30

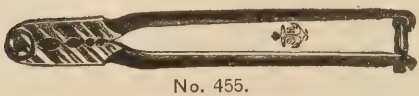
HOWE'S IMPROVED WIRE TOOL.

No. 457.

Glee	457	Complete, without vise	6.20
Err	903	Single purchase, complete, with 5½ in. vise	8.50
Exert	904	Double purchase, complete, with 5½ in. vise	10.50

SPLICING CLAMPS.

EXTRA QUALITY CAST STEEL.



No. 455.

Zebis	454	Black, 10½ in.	2.50
Zevug	455	Polished, 10½ in.	2.50

No. 900.

Zevuh	900	Black, 10 in.	2.50
Zevuk	901	Polished, 10 in.	2.50

No. 453

Zevul	453	Polished, 9 inches long, 4 holes for Nos. 8 to 14 wire, and 10 to 14 sleeves	3.50

TOOLS

SIDE CUTTING PLIERS.

No. 18823.

Code Word.	List No.		List Price, Per Doz.
Zebo	18821	4 inch	$9.00
Zebob	18822	5 inch	10.00
Zebod	18823	6 inch	12.00
Zebof	18824	7 inch	16.00
Zebog	18825	8 inch	20.00
Zeboh	18826	9 inch, extra heavy	24.00

The above pliers nickel plated at 25 per cent. advance on list.

UNIVERSAL PLIERS.

BEST QUALITY.

No. 15006.

Complains	15004	6 inch	11.30
Complaints	15005	7 inch	12.50
Complem	15006	8 inch	13.75

DIAGONAL CUTTING PLIERS.

No. 594.

Zymotic	594	4 inch	10.50
Zoophyte	595	5 inch	11.50
Zoonomy	596	6 inch	14.00

SAFETY PLIERS.

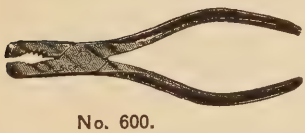
INSULATION.

No. 598.

Zouaves	597	6 inch, per doz	25.00
Zoundsly	598	7 inch, per doz	33.00
Zymosisy	599	8 inch, per doz	40.00

Tested to insulate against a current of 2,500 volts.

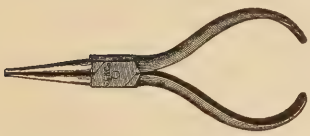
FIXTURE PLIERS.



No. 600.

Zymotum	600	5 inch	9.00

ROUND, LONG NOSE PLIERS.



Zebok	18827	5½ inch	5.40

CONDUIT TOOLS.

STAPLE DRIVERS.

No. 14972.

			Each.
Commist	14969	¼ inch, net	.20
Commits	14970	5/16 inch, net	.22
Committees	14971	⅜ inch, net	.24
Commod	14972	½ inch, net	.28
Commold	14973	⅝ inch, net	.32
Commodo	14974	¾ inch, net	.36
Commons	14975	1 inch, net	.40
Commot	14976	1¼ inch, net	.48

TOOLS

SAWS.

No. 459.

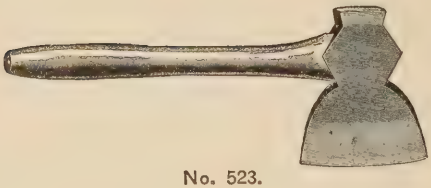
Code Word.	List No.		List Price.
Fashions	459	18-in. panel saw, per dozen....	$16.00
Compassions	14990	20-in. panel saw, per dozen....	17.50
Finiste	460	22-in. panel saw, per dozen....	19.50
Frugals	461	24-in. panel saw, per dozen....	21.00

DRAW KNIVES.

No. 531.

Cultured	531	12-in. blade, per dozen	36.00
Crackless	532	14-in. blade, per dozen	38.00
Fierlut	462	16-in. blade, per dozen	40.00

HATCHETS.

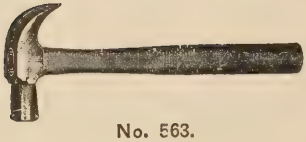


No. 523.

Compatibles	14991	Cut 3¾ in., per dozen	8.50
Compatriots	14992	Cut 4 in., per dozen	9.00
Creased	523	Cut 5 in., per dozen	17.50
Crests	524	Cut 6 in., per dozen	22.00
Crossed	525	Cut 7 in., per dozen	29.50

NAIL HAMMERS.

PLAIN EYE.



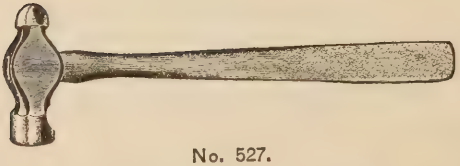
No. 563.

Compeers	14993	12-oz., each.....	.75
Compeled	14994	15-oz., each.....	.80
Compends	14995	18-oz., each.....	.85

ADZE EYE.

Compeng	14996	7-oz., each.....	.75
Compens	14997	13-oz., each.....	.80
Zameas	563	16-oz., each.....	.85
Zircons	564	20-oz., each.....	.90

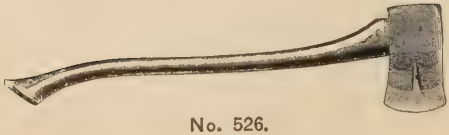
BALL PEIN HAMMER.



No. 527.

Crucialy	527	Weight, 1 lb., per dozen.....	12.50
Zebut	560	Weight, 1¼ lbs., per dozen.....	13.50
Zeniths	561	Weight, 1½ lbs., per dozen.....	14.50
Zerots	562	Weight, 2¼ lbs., per dozen.....	17.50

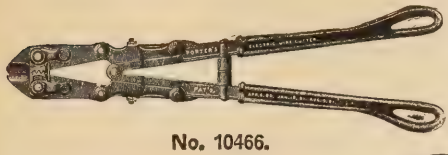
LINEMEN'S AXE.



No. 526.

Crowds	526	4½-in. cut, with handle	17.50

TOOLS



No. 10466.

BOSTON ELECTRIC WIRE CUTTERS.

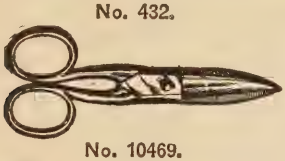
Insulated Handles.

Code Word.	List No.		List Price Each.
Quiescent	10466	Opening to ¾ in.	$7.80
Quake	10467	" " 1⅛ "	10.80
Quality	10468	" " 1¼ "	14.40

No. 432.

WITH AUTOMATIC HOOK.

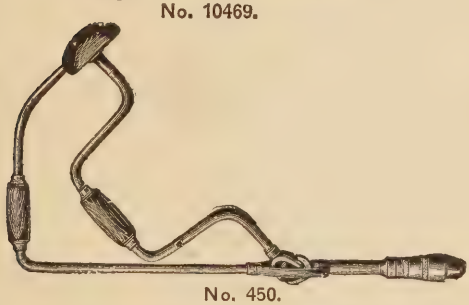
Quagmire	432	Opening ¾ in...	14.40



No. 10469.

ELECTRICIAN'S SCISSORS.

King	10469	Nickel plated....	1.00



No. 450.

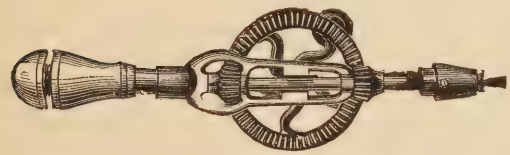
AMIDON'S PATENT CORNER BIT BRACE.

Marked	450	8-in. sweep.	5.00
Martials	451	10-in. sweep.	5.50

HAND DRILL.

The chuck will hold twist drills from 1/32 to ⅛ inch. Six drill points are furnished with each drill. The drills are made of malleable iron, nickel plated, with steel spindle and rosewood head and handle.

Comets	14957	Single gear, hollow handle..... ..	1.25
Comforts	14958	Double gear, same chuck	1.50



No. 14957.

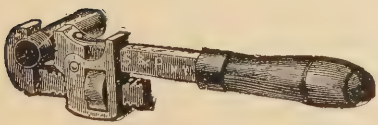
WRENCHES.

			Per Doz.
Comics	14959	6-in.....	7.70
Ocean	623	8-in.....	8.50
Odor	624	10-in.....	10.25
Office	625	12-in.....	12.00
Ocular	772	15-in.....	20.50
Ochre	773	18-in.....	25.67
Commas	14960	21-in.....	30.00

No. 625.

STILLSON WRENCHES.

		Lgth.	Grips Pipe	Grips Wire	Price Each
Oat	618	6	½	⅛	2.00
Observe	619	8	¾	⅛	2.00
Oaken	620	10	1	⅛	2.25
Obscure	621	14	1½	¼	3.00
Object	622	18	2	¼	4.00
Commands	14961	24	2½	¼	6.00
Commenced	14962	36	3½		12.00
Commends	14963	48	5		18.00



No. 14964.

"THE ELGIN" ADJUSTABLE WRENCH.

Will Hold Pipe, Nipples, Collars, Rods, Square, Hexagon or Round Nuts.

Length 7 inches, weight 10 ounces.

Comments	14964	.....	12.00

No. 620.

TOOLS

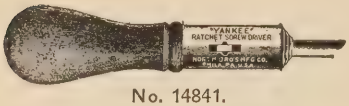
LOCK FERRULE SCREW DRIVER.

Blades forged from finest tool steel, polished malleable ferrules, fluted handles.

	LENGTH OF BLADE.							
	2½	3½	4½	5½	6½	8½	10½	12½
Cabinet, per doz...	$3.00	$3.50	$4.50	$5.50	$6.50	$8.00	$9.50	$11.00

	LENGTH OF BLADE.										
	2½	3	4	5	6	7	8	9	10	11	12
Machinists, per doz.	$3.00	$3.50	$4.25	$5.00	$6.00	$7.00	$8.00	$9.00	$10.00	$11.00	$12.00

Blades and handles of the Dicke screw driver are warranted not to turn in the ferrule.



No. 14841.

"YANKEE" RATCHET SCREW DRIVER, NO. 10.

RIGHT AND LEFT HAND, AND RIGID.

Code Word.	List No.		List Price Per Doz.
Clips	14839	2-inch	$4.40
Cliques	14840	3-inch	5.60
Cloaked	14841	4-inch	6.10
Clocks	14842	5-inch	6.60
Clodder	14843	6-inch	7.80
Clodhoppers	14844	8-inch	9.00
Clogging	14845	10-inch	10.50
Cloisters	14846	12-inch	11.50

"VULCAN" INSULATED SCREW DRIVERS.

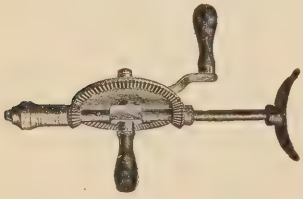
MOULDED MICA INSULATION.

Closed	14847	2½ inch	6.00
Closeting	14848	3½ inch	7.00
Clots	14849	4 inch	8.00
Clothed	14850	5 inch	12.00
Clothes	14851	6 inch	13.50

No. 14852.

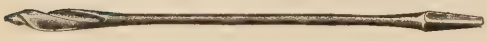
NOVELTY POCKET SCREW DRIVER.

Clothers	14852	Each	1.00



BREAST DRILL.

Zehep	21553	Reinforced on both sides of controlling cog	3.30



No. 14488.

POD BITS.

Disfavors	14488	18-inch 10/32 per doz	4.80
Disfigured	14489	18-inch, 12/32 per doz	4.80

No. 14490.

BRICK DRILLS.

Disgorges	14490	Steel, 7/16x8½ in	1.50
Disgraced	14491	Steel, ½x9 in	2.00

TOOLS

No. 615.

PIPE CUTTER.

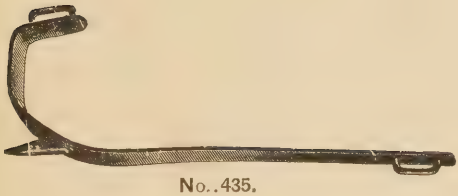
Code Word.	List No.		List Price, Each.
Oblong	615	No. 1, cuts pipe ⅛ to 1 in.....	$3.00
Oblique	616	No. 2, cuts pipe ¾ to 2 in.....	4.50
Obscene	617	No. 3, cuts pipe 2 to 3 in.....	10.90

No. 14988.

LIGHTNING BURRING REAMER.

Used for pipe, also counter sinking. Of fine steel, carefully ground to cut iron, brass, wood, etc.

Comparts	14988	Diameter of point 0 largest part ⅝ inches	.50
Compassy	14989	Diameter of point 7/16 largest part 1¼ inches, length of fluting 1 9/16 inches	1.25



No. 435.

CLIMBERS.

		Maker.	List Price per Pair, Without Straps.	With Straps.
Win	435	Oshkosh	$3.00	4.50
Wily	436	Donnelly ...	2.50	4.00
Wisdom	437	Dicke	2.50	4.00
Vaunt	438	Stevens	6.00	7.50

Sizes, 14 to 18 inches.

Please state make and size when ordering.

Climber Straps, per set (4)..... 1.50
Climber Pads, per pair..... .60

No. 13360.

8-INCH COLD CHISEL.

Dragons	13359	⅜-inch, each.....	.35
Dragoons	13360	½-inch, each.....	.35
Drained	13361	⅝-inch, each.....	.40
Drakes	13362	¾-inch, each.....	.50
Dramy	13363	⅞-inch, each.....	.55

No. 13365.

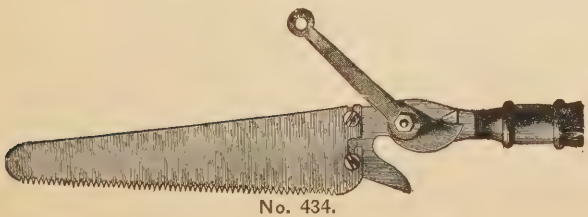
SOCKET FRAMING CHISEL.

Doxologys	13364	½-inch, per dozen.	12.00
Dozed	13365	¾-inch, per dozen.	14.00
Dozens	13366	1-inch, per dozen..	16.00
Drabbed	13367	1½-inch, per doz.	20.00
Drabbles	13368	2-inch, per dozen..	24.00

No. 433.

TREE TRIMMERS.

Quelled	433	Small size, 18 in. over all, each....	2.50
Drachmy	13369	Large size, 21 in. over all, each....	3.00
Drafts	13370	18-foot handles for above, each.....	.90
Drago	13371	Best cast steel, length 12 inches, 2 inch cutters, each	3.00

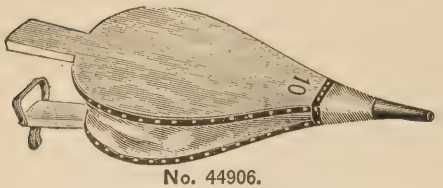


No. 434.

TREE TRIMMER WITH SAW.

			Per Doz.
Querists	434	Hook and saw...	18.00
Draggles	13372	Hook only..	12.00

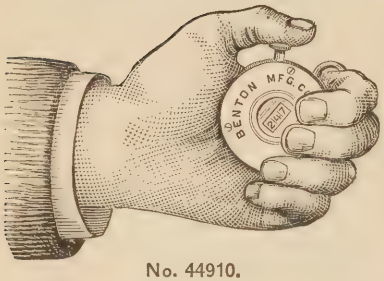
TOOLS



No. 44906.

BELLOWS.

Code Word.	List No.		List Price. Per 100.
Zovut	44905	6½ inches.....	$1.80
Zovuv	44906	7½ inches.....	2.00
Zovow	44907	8½ inches.....	2.20
Zovux	44908	9½ inches.....	2.40



No. 44910.

POLE COUNTER OR TALLY REGISTER.

Zowa	44910	Records to 1,000....	5.00

Closed. Open.

No. 44912.

CLIMAX STEP LADDER.

Is a very strong, light and compact Patent Step Ladder intended for use by electric companies. It is very durable, all the parts being riveted together.

When closed it occupies no more room than a common rung ladder, but when open it covers more ground than any step ladder ever invented, so that a tall Climax stands very firm, and is not liable to tip over.

Sizes kept in stock, 6 to 18 feet.

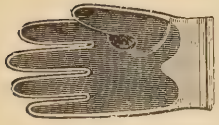
Made to order, 19 to 25 feet.

Zowad	44912	Per foot, any size.....	.70

TOOLS.

RUBBER GLOVES.

These can be furnished in both light and heavy weights. Unless otherwise specified, light weight black gloves will be furnished on all orders.



Short—Without Gauntlet.

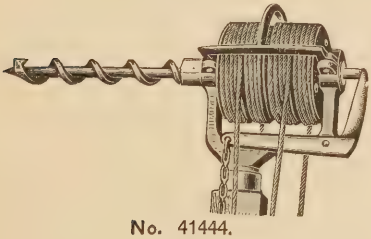
Code Word.	List No.		List Price Light.	Per Doz. Heavy.
Zaduboy	4385	Size 12, to fit size 9 hand...	$15.00	$27.00
Zaduboz	4386	Size 13, to fit size 10 hand...	18.00	27.00
Zadubu	4387	Size 14, to fit size 11 hand...	18.00	27.00
Zadubub	4388	Size 15, to fit size 12 hand...	18.00	27.00
		Long—With 4-inch Gauntlet.		
Zadubuc	4389	Size 12, to fit size 9 hand...	18.00	33.00
Zadubud	4390	Size 13, to fit size 10 hand...	21.00	33.00
Zadubuf	4391	Size 14, to fit size 11 hand...	21.00	33.00
Zadubug	4392	Size 15, to fit size 12 hand...	21.00	33.00

UNIVERSAL DUSTER.

Invention of the age for cleaning Dynamos, Motors, Telephone Instruments, Switchboards, Type cases, Pianos, Boxes and fine mechanical work, which cannot readily be reached with a broom or brush. Will also start fires.

		Length.	Inside Diam.	Weight.	Each.
Zadubom	32113	20 in.	2⅜ in.	10½ ozs.	1.50
Zadubop	32115	24¾ in.	3 in.	16½ ozs.	3.25
Zadubos	32117	32¼ in.	4 in.	32½ ozs.	7.00

ROBERTS' BORING MACHINE.



No. 41444.

It is furnished complete with two 11/16 inch bits, ready for use. (If desired we can furnish any size bit specified, but 11/16 inch is usually used.) It weighs, complete for use, twelve pounds and is adjustable from seven to sixteen feet.

Zagadoc 41444 ..... 25.00

"O. K." BORING MACHINE.

Made strong and rigid to withstand the abuse that it has to work under.

It is adjustable for ceilings from seven feet to fifteen feet high.

It has brass standard with wooden extension. Is operated with a WHIP-SAW MOTION, which is the easiest and most satisfactory to apply to this kind of work.

Furnished with 2 11/16 inch bits, or any other size desired, complete in wooden box.

Zagadod 41445 ..... 25.00

No. 41445.

TOOLS.

No. 32317.

No. 32319.

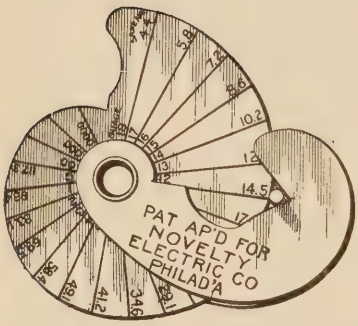
POLARITY INDICATOR.

Can be carried in the vest pocket. Size, 3½x1 inch.

Will indicate instantly the negative and positive poles when connected in circuit.

The Nickel Plated Shell will cover and protect the Glass Tube from injury while being carried in the pocket or tool bag. The neatest, most compact, durable and reliable Indicator made.

Code Word.	List No.		List Price, Each.
Zadudom	32317	For use with battery.....	$1.50
Zadudon	32318	For 50 to 600 volts.....	1.50



No. 32321.

(Cut full size.)

ELECTRIC WIRE GAUGE.

ON THE FRONT OF GAUGE.

The figures above the short, square shoulder, near the centre, show the American (B. & S.) gauge of the wire.

ON THE BACK OF GAUGE.

The ohms resistance is given of a foot of copper wire, of any size, as shown by the gauge.

To find the resistance of a foot of iron wire, multiply the resistance of a foot of copper wire by seven (7).

Zadudos	32321	.....	1.00

LIGHTNING SPEED INDICATOR.

Satisfaction Guaranteed.

Zadudot	32322	.....	5.00

No. 32323.

HIGH SPEED INDICATOR.

Zadudov	32323	In pasteboard box.....	2.00
Zadudow	32324	In leatherette case.....	3.00

We supply the Indicators with a spindle 7½ inches long for use on Dairy Machines, etc., for 50 cents extra.

The Indicator in pasteboard box (list $2.00) will be sent unless otherwise ordered.

RUBBER TIPS.

FOR POINTED AND HOLLOW CENTERS.

An important improvement which we now apply to all of our Speed Indicators, without extra charge, consists in adding to the hardened steel pointed spindle, rubber tips for both pointed and centered shafts, which not only remove the jar and run smoothly, but produce a stronger frictional contact between the shaft and the instrument.

SMALL TOOLS.

TAPE LINES.

LINEN TAPES.

Code Word.	List No.		List Price
Zabalef	47616	25 ft., each	$1.10
Zabaleg	47617	50 ft., each	1.55
Zabaleh	47618	75 ft., each	1.95
Zabalek	47619	100 ft., each	2.45

No. 47617.

HARD LEATHER CASE.

Zabalel	47620	25 ft., per doz	21.00
Zabalem	47621	50 ft., per doz	31.80
Zabalen	47622	75 ft., per doz	39.60
Zabalep	47623	100 ft., per doz	50.40

SKIN, BRASS BOUND CASE.

Zabaler	47624	25 ft., per doz	3.75
Zabales	47625	50 ft., per doz	5.00
Zabalet	47626	75 ft., per doz	7.50
Zabalev	47627	100 ft., per doz	9.00

STEEL TAPES.

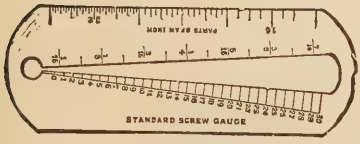
Zabalew	47628	25 ft., each	4.50
Zabalex	47629	50 ft., each	7.20
Zabalez	47630	75 ft., each	10.40
Zabali	47631	100 ft., each	12.80

No. 47632.

GAUGES.

STANDARD WIRE GAUGE.

Zabalib	47632	American, 0 to 36	2.50
Zabalid	47633	American 5 to 36	2.00
Zabalif	47634	English, 1 to 36	2.00
Zabalig	47635	English, 6 to 36	1.50



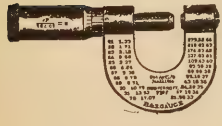
FRONT.

BACK.

POCKET SCREW AND WIRE GAUGE.

Front side gauged to measure screws to 32d of an inch. Back side measures wire by B. W. G. from 17 to 0000 on the right and from 15 to 000 by B. & S. on left of slot.

Zabalih	47636		2.50
Zabalik	47637	Larger size	3.50
Zabalil	47638	Extra thick	4.50



No. 47639.

MICROMETER CALIPER.

Measures from .001 to 1 inch.

Zabalim	47639	Micrometer cal., only	5.50
Zabalin	47640	Morocco case	.50
Zabalip	47641	With ratchet stop	6.00

MICROMETER CALIPER.
FOR MEASURING THICKNESS OF TUBING.

Measures from 5-16 inch inside diameter upward by 1-1000 of an inch.

Zabalir	47642	Micrometer caliper, only	4.50
Zabalis	47643	Morocco case	.50
Zabalit	47644	With ratchet stop	5.00

No. 47642.

TOOLS

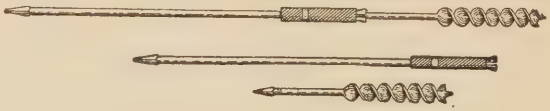
THE "SYRACUSE" ELECTRICIAN'S DRILL BIT.

The Numbers Indicate the Sizes in 32ds of an Inch.

Mfr. No.	12-inch, Per Doz.	No.	18-inch, Per Doz.	No.	24-inch, Per Doz.	No.	30-inch, Per Doz.	No.	36-inch, Per Doz.
6	$5.00	6	$7.00	6	$9.00	6	$11.00	6	$13.00
8	5.00	8	7.00	8	9.00	8	11.00	8	13.00
10	5.50	10	7.50	10	9.50	10	12.00	10	13.00
12	6.00	12	8.00	12	10.00	12	12.00	12	13.00
14	7.00	14	9.00	14	11.00	14	13.00	14	14.00
16	8.00	16	10.00	16	12.00	16	14.00	16	15.00
18	9.00	18	11.00	18	13.00	18	15.00	18	16.00
20	10.00	20	12.00	20	14.00	20	15.00	20	16.00
22	11.00	22	13.00	22	15.00	22	16.00	22	17.00
24	12.00	24	14.00	24	16.00	24	17.00	24	18.00
26	13.00	26	15.00	26	17.00	26	18.00	26	18.00
28	14.00	28	16.00	28	18.00	28	19.00	28	19.00
30	15.00	30	17.00	30	19.00	30	20.00	30	20.00
32	16.00	32	18.00	32	20.00	32	20.00	32	20.00
34	17.00	34	19.00	34	20.00	34	20.00	34	20.00
36	18.00	36	20.00	36	21.00	36	21.00	36	21.00

EXTENSION BIT ATTACHMENT.

This New Attachment Obviates the Necessity of Splicing Bits.



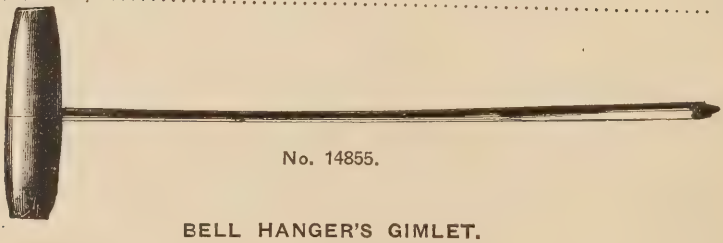
Code Word.	List No.		List Price, Per Doz.
Disgusted	14492	16 in.	2.00
Dishabilles	14493	20 in.	2.50
Disheartens	14494	24 in.	2.80
Dishevel	14495	30 in.	3.20

ADJUSTABLE MALLEABLE IRON HANDLE.

No. 40787.

For Use Where a Brace is Inconvenient.

Gloom.....40787..... List Price, Per Doz. 2.40



No. 14855.

BELL HANGER'S GIMLET.

Clothiers	14853	15-in. 8/32	.60
Clothings	14854	15-in. 10/32	.80
Clouded	14855	15-in. 12/32	.80
Cloughs	14856	24-in. 8/32	.80
Clouts	14857	24-in. 10/32	1.00
Cloved	14858	24-in. 12/32	1.00
Clovens	14859	36-in. 8/32	1.00
Clowns	14860	36-in. 10/32	1.20
Cloyed	14861	36-in. 12/32	1.20

TOOLS.

No. 38325.

No. 8 WESTERN UNION TOOL BAG.

Material used for this bag is 6 oz. russet grain leather. Riveted all around. Very strong and durable.

Code Word.	List No.		List Price Each.
Zafucuc	38325	16 inches	$6.00
Zafucud	38326	With saw sheath	6.80

Same Bag in Russet Finish, Heavy Split Leather.

Zafucuf	38327	16 inches	5.34
Zafucug	38328	With saw sheath	6.00

If a longer bag is desired, add $0.30 for every additional two inches.

Bags are made in both black and russet, and orders should specify which color is desired.

No. 18 CANVAS TOOL BAG.

Heavy white or khaki duck with leather sides and bottom. Covered steel frames. Inside pockets. Specify when ordering—white or khaki.

Zafucuh 38329 14 inch..... 5.00

If a longer bag is desired, add $0.30 for every additional two inches. Sizes up to 20 inches.

No. 38329.

No. 38330.

No. 19 TOOL BAG.

Slate color canvas, made on a regular bag frame. Nickel plated lock and catches. Leather sides and bottom.

Zafucuk 38330 14 inch..... 5.50

If a longer bag is desired, add $0.30 for every additional two inches. Sizes up to 20 inches.

TOOLS.

No. 38331.

No. 10 CARBON BAG.

Will last a life time. Strongly made. Heavy black leather. Will hold 25 ordinary carbons.

Code Word.	List No.		List Price Each.
Zafucul	38331	Leather	$5.00
Zafucum	38332	Canvas, with leather bottom	4.00

No. 38557.

No. 12 INSPECTORS TOOL BAG WITH SHOULDER STRAP.

Made of black harness leather hand sewed. Size, 15x11 inches. Also Signal Service Corps bags from Government specifications to order.

Zacofip	38557		3.50

No. 38309.

No. 21 NEW IDEA TOOL BELT AND SAFETY STRAP.

This belt is 2 inches wide around the body and 1¾ in. safety strap—long enough for any pole. The material of this belt is extremely heavy. The safety strap is in one piece and can be adjusted or detached on either side. The buckles and snaps are of the heaviest kind.

			Per Doz.
Zafucoh	38309		45.00

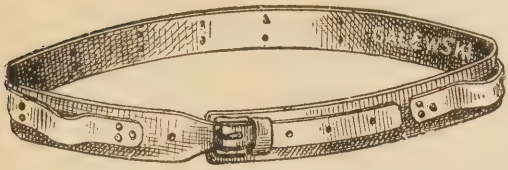
No. 38310.

No. 4 COME ALONG STRAP.

Heavy black oak tanned leather double loops.

Zafucok	38310		10.20

TOOLS.



No. 38301.

No. 13 TOOL BELT.

1¾ inches wide. Sizes from 36 to 48 inches. Heavy leather. Very durable.

Code Word.	List No.	List Price Per Doz.
Zafuciz	38301	.....$12.72

No. 38302.

No. 20 TOOL BELT WITH SAFETY STRAP.

Belt 2 inches wide, special heavy leather safety strap 6 ft. long, 1¾ in. wide with billet at one end to adjust to desired length. Extra heavy snaps and buckles.

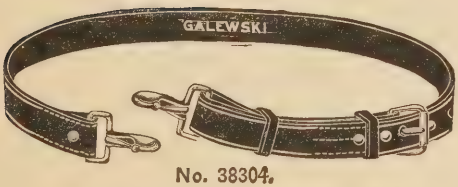
Zafuco	38302	Belt and safety strap 45.00
Zafucob	38303	Belt only 25.00
Zafucoc	38304	Safety strap only 20.00

No. 38305.

No. 14 COMBINATION TOOL BELT AND POUCH WITH RINGS TO ATTACH TO SAFETY STRAP.

Pouch is handy for nails, screws, etc. Can be detached at pleasure. Same width as No. 13.

Zafucod	38305	Tool belt and pouch 20.88
Zafucof	38306	Belt only, with rings 15.12
Zafucog	38307	Pouch only 8.40



No. 38304.

No. 38308.

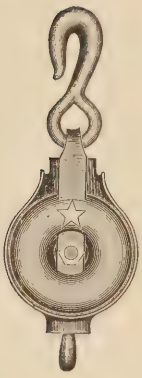
No. 5½ IMPROVED BODY AND SAFETY STRAP.

Safety strap made in one piece. Width of each strap, 1½ inches. Heavy stock.

Zafucoh	38308	.....26.40

TARBOX METAL BLOCKS.

WITH LOOSE HOOKS, ALSO WITH SISTERHOOKS OR SHACKLES.



This block is made with wrought iron hooks, steel shells and gray iron sheaves.

The sheaves run on steel pins, which are easily removed.

The block is so constructed that the edge of the sheaves cannot wear sharp; and as the edges and middles are rounded, the wear of the rope is saved. This is the easiest working common bushed block made.

DIMENSIONS. Size. Block.	For Dia. Rope.	IRON BUSHED. Single.	Double.	Triple.	PATENT ROLLER BUSHED. Single	Double.	Triple.	PHOSPHOR BRONZE BUSHED. Single.	Double.	Triple.
2 in.	¼	$ .35	$ .70							
2½ in.	7/16	.45	.80							
3 in.	⅜	.70	1.30	$1.75	$1.10	$2.00	$2.90			
3½ in.	½	.75	1.45	2.00	1.15	2.20	3.15			
4 in.	½	.85	1.60	2.15	1.20	2.25	3.25			
4½ in.	⅝	.90	1.70	2.20	1.25	2.30	3.40			
5 in.	⅝	.90	1.75	2.25	1.25	2.35	3.50	$1.75	$3.35	$4.75
5½ in.	¾	1.00	1.90	2.65	1.40	2.60	4.00			
6 in.	¾	1.10	2.00	2.90	1.50	2.85	4.40	2.20	4.00	5.80
7 in.	⅞	1.30	2.40	3.50	1.70	3.35	5.00	2.50	4.50	6.70
8 in.	1	1.65	2.85	4.25	2.25	4.15	6.00	3.25	5.70	8.50

SOLDERING SUPPLIES.

BAR SOLDER.

No. 116.

Code Word.	List No.		List Price Per Lb.
Jocund	116	Bar Solder	.40

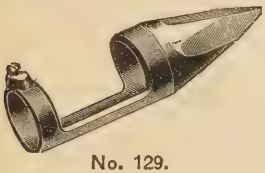
WIRE SOLDER.

No. 117.

Jiffy	117	Wire Solder	.40

KESTER FLUX SOLDER.

Judge	118	Small	.74
Juvenile	119	Medium	.74
Justice	121	Large	.74



No. 129.

RITTER SOLDERING COPPER.

This soldering copper is designed to be attached to any gasoline blow torch. This is an exceedingly convenient soldering iron for linemen, inside wiremen, or for shop use. The temperature of the copper is maintained constantly when the torch is in operation.

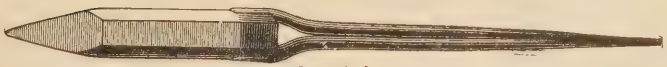
			Each.
Jut	129		1.50

SOLDER POTS.

No. 143.

			Each.
Juvo	142	3½ inch Pot	.80
Jile	143	5 inch Pot	1.00
Jabut	144	6 inch Pot	1.40

POINTED SOLDERING COPPER.



No. 131.

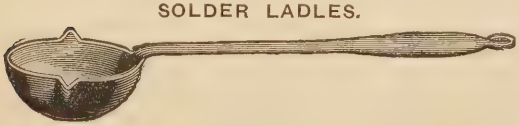
			Per Lb.
Just	131	Weight per pair, 2 lbs	.60
Justle	132	Weight per pair, 4 lbs	.60
June	133	Weight per pair, 6 lbs	.60

GROOVED SOLDERING COPPER FOR TROLLEY WIRE.

No. 135.

Juror	135	Grooved Copper, 0	.60
Junior	136	Grooved Copper, 00	.60

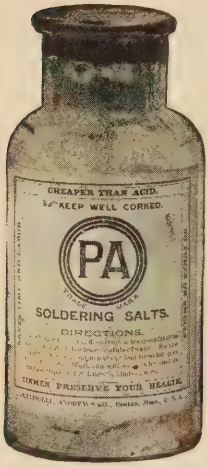
SOLDER LADLES.



No. 137.

			Each.
Juncture	137	Solder Ladles, 2½ in.	.60
Juncat	138	Solder Ladles, 3 in.	.60
Jumble	139	Solder Ladles, 4 in.	.80
July	141	Solder Ladles, 5 in.	1.20

SOLDERING SUPPLIES.



No. 108.

P. A. SOLDERING SALTS.

Code Word.	List No.		List Price Each.
Jerboa	108	½-lb. bottles, per lb.....	$1.20
Jejune	109	1-lb. bottles, per lb.....	.90

No. 111.

CROWN SOLDERING PASTE.

Jasper	111	Tin Box, containing 2 oz...	.20

NOKORODE SOLDERING PASTE.

Dishonesty	14484	2-oz. cans, per doz.....	2.00
Dishonors	14485	1 to 10-lb. cans, per lb.....	1.00
Disinclined	14486	25 to 50-lb. cans, per lb.....	.90
Disinfects	14487	100-lb. cans, in bulk.....	.60

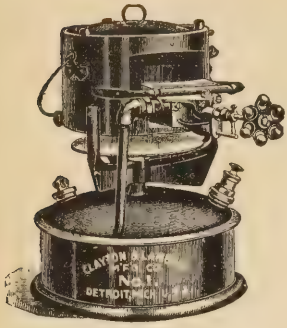
One wooden case contains three dozen 2-oz. cans, or six 1-lb. cans.

No. 112.

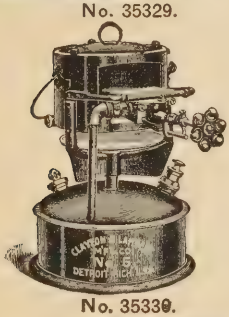
CROWN SOLDERING STICK.

Non-Corrosive. Convenient and Effective.

Jennet	112	Per Stick.....	.24



No. 35329.



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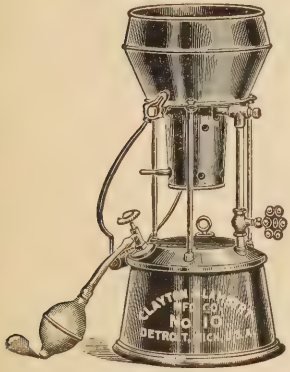

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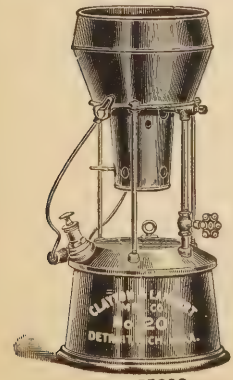


No. 35332.

CLAYTON AND LAMBERT SOLDERING APPARATUS.

NO. 1 FIRE POT.

Electricians have been quick to see and appreciate the good points of the No. 1 Fire Pot. The fact that it will work satisfactorily in the heaviest wind, where it is impossible to get sufficent heat out of any other make of fire pots, should and does make it indispensable to electricians who wish to be able at all times to have a fire that will not be found wanting.

Shipping weight, 14 lbs. each. 175 lbs. per doz. crated.

10 cubic ft. per doz. crated.

Code Word.	List No.	List Price, Each.
Zademep	35329	$12.00

NO. 5 FIRE POT.

Many calls are made for a fire pot possessing the good points of the No. 1, which could be carried in a tool bag; which, while being small and light, would be strong, and would have a burner capable of doing any and all work. This fire pot is well made of best material.

Shipping weight, 12 lbs. each. 150 lbs. per doz. crated.

8 1-3 cubic ft. per doz. crated.

Zademer	35330		9.00

NO. 10 COIL FIRE POT.

This fire pot is thoroughly well made, the tank being made of heavy galvanized iron, and the valves made with needle points, which give the user better control of the fire and are more durable than those having ground keys.

Shipping weight, 13 lbs. each. 165 lbs. per doz. crated.

7 1-3 cubic ft. per doz. crated.

Zademes	35331	With large shield, only	7.50
Zademet	35343	With both shields	8.00

NO. 20 COIL FIRE POT.

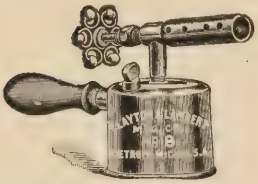
This fire pot is exactly like the No. 10, except that it is fitted with the latest improved brass air pump, which is much better than the air valve and rubber bulb ordinarily used.

Shipping weight, 13 lbs. each. 165 lbs. per doz. crated.

7 1-3 cubic ft. per doz. crated.

Zademev	35332	With large shield, only	8.00
Zademew	35344	With both shields	8.50

CLAYTON & LAMBERT SOLDERING TORCHES.



No. 21320.

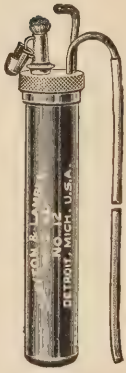
NO. 8 TORCH—½ PINT SIZE.

This style of torch does not use a pump to generate air pressure, but depends upon heat to do this. The tank is ½ pint size and is a solid brass casting.

Shipping weight, 2 lbs. each. 30 lbs. per dozen crated. 2/3 cubic feet per dozen crated.

Code Word.	List No.		List Price Each.
Zabiyas	21320	Polished brass.....	$6.00

No. 21321.



No. 21322.

NO. 10 TORCH.

(Size 1¾ in. x 6 in.)

The No. 10 is a polished brass Blowpipe or Alcohol Torch, possessing many exclusive features. Evaporation of the alcohol is impossible, a closely fitting cap which screws down firmly over the wick making the tank air tight. The blowpipe is fitted to a threaded nut, which may be run up or down to adjust it for the work in hand.

Shipping weight, each, 1 lb. Per dozen, crated, 17 lbs. Cubic feet, per dozen, crated, ¼.

Zabiyat	21321	Polished brass.....	3.00

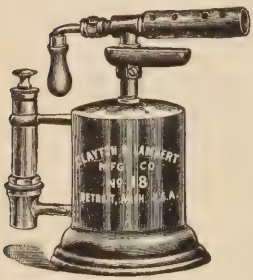
NO. 12 TORCH.

(Size ⅞ in. x 6 in.)

In this Torch an air blast is passed through a chamber charged with gasoline or alcohol, making a much stronger fire than can be had in any other way. This is a new principle, which has proven attractive and practical. Burns either gasoline or alcohol, but as the former is much cheaper and burns just as well, it effects a saving in cost of fuel. The No. 12 is made of polished brass. All parts are well made, carefully inspected, and put together with a view to strength, durability and utility.

Shipping weight, each, ¼ lb. Per dozen, crated, 5 lbs. Cubic feet, per dozen, crated, ¼.

Zabiyav	21322	Polished brass.....	2.50



No. 21323.

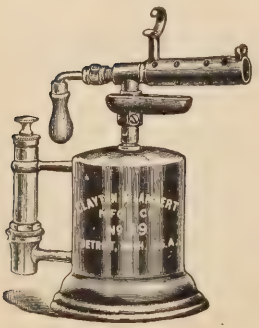
NO. 18 TORCH—PINT SIZE.

(A Favorite Paint Burner.)

The No. 18 is a very popular pint, pump-in-handle torch, snug built, light yet strong and easily handled in close work. The pump used is the same style as in the pump-in-tank torches, having check valve actuated by springs, doing away with the old and, at times, unsatisfactory stop cock valve. The bottom handle casting is made with a recess in which the check valve works automatically. An air tube is attached to the lower handle casting, through which the air is taken to the top of the tank, above the gasoline. This makes it impossible for gasoline to get in the pump. Every part of the pump is accessible and may be easily repaired when necessary. The burner is a powerful generator and perfect in material, construction and operation. A double-shouldered needle is used, affording quick and positive adjustment. No point of advantage to our customers is overlooked in the construction of any of our torches.

Shipping weight, each, 3½ lbs. Per dozen, crated, 45 lbs. Cubic feet, per dozen, crated, 2½.

Zabiyaw	21323	Polished brass.....	6.00



No. 21324.

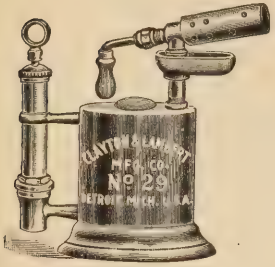
NO. 19 TORCH—PINT SIZE.

Is exactly like the No. 18, except that the burner is fitted with hook and support for holding soldering coppers which makes it convenient for repair men.

Shipping weight, 3¾ lbs. each. 50 lbs. per dozen crated. 3⅛ cubic feet per dozen crated.

Zabiyax	21324	Polished brass.....	6.50

CLAYTON & LAMBERT SOLDERING TORCHES.



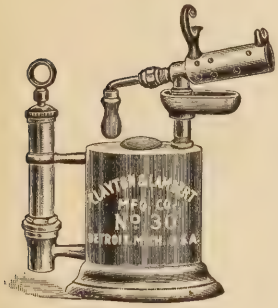
No. 21325.

NO. 29 TORCH—QUART SIZE.

This is a popular priced torch, a winner for the money, in which style, quality and construction are not slighted. It possesses every advantage, being unsurpassed in point of utility and service by any other make of torch on the market. The pump, which is in the handle, is fitted with an automatic check valve, and a safety air tube runs from the bottom of the handle to the top of tank above the gasoline, so that it is impossible for gasoline to get into the pump. Every part of this torch is given close inspection, assembled with great care and thoroughly tested. If you are looking for a good cheap torch, try the No. 29.

Shipping weight, each, 4½ lbs. Per dozen, crated, 60 lbs. Cubic feet, per dozen, crated, 4.

Code Word.	List No.		List Price Each.
Zabiyay	21325	Polished brass.....	$6.50



No. 21326.

NO. 30 TORCH—QUART SIZE.

Same as above, except that the burner is fitted with hook and support for holding soldering coppers, which makes it convenient for repair men.

Shipping weight, 4¾ lbs. each. 65 lbs. per dozen crated. 4 cubic feet per dozen crated.

Zabiyaz	21326	Polished brass.....	7.00

No. 21327.

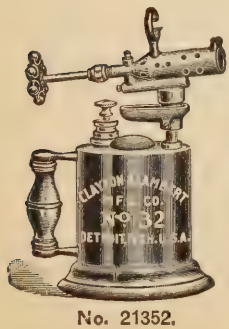
NO. 31 TORCH—QUART SIZE.

Has No Equal Where Intense Heat Is Desired.

This quart torch makes a perfect fire, whether employed indoors or out, in hard wind or extreme cold. A strong blast heat is generated by a powerful burner, and the resulting blue flame is a joy to the user. Every desired adjustment is quickly made. A surprisingly small amount of gasoline is required compared with the results obtained in heat efficiency. The torch creates a good impression the minute it is handled, being strong, exceedingly well built and handsomely finished. If durability and service are what you want, the No. 31 will certainly please you.

Shipping weight, 5 lbs. each. 62 lbs. per dozen crated. 4 cubic feet per dozen crated.

Zabiye	21327	Polished brass.....	7.50



No. 21352.

NO. 32 TORCH—QUART SIZE.

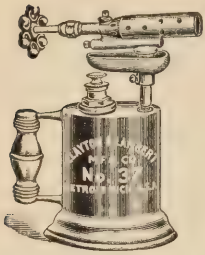
No. 32 has every feature in construction and finish found in No. 31, with the added advantage, for repair men, of a hook and support on the burner for holding soldering coppers. The most popular Electrical Torch made.

Shipping weight, each, 5 lbs. Per dozen, crated, 62 lbs. Cubic feet, per dozen, crated, 4.

Zabiyis	21352	Polished brass.....	8.00

This Torch Will Work in Wind and Cold Weather and Will Give Perfect Results.

CLAYTON & LAMBERT SOLDERING TORCHES.



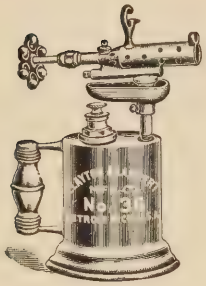
No. 21312.

NO. 37 TORCH—PINT SIZE.

The No. 37 is the best pint size torch made. It is fitted with our latest improved burner which protects the gas or vapor from the wind or cold, as the orifice through which the gas passes is shielded by the burner tube, thus making it possible to keep the flame blue, and positive in heat intensity in almost any extreme of wind or weather, and uses but little gasoline. Our patent automatic air pump with check valve is used, insuring the desired air pressure at all times. This style of pump is used on all C. & L. torches and has no equal. The enthusiastic endorsement everywhere accorded the torch certainly commends it to your attention.

Shipping weight, 3½ lbs. each. 45 lbs. per dozen crated. 2 2/3 cubic feet per dozen crated.

Code Word.	List No.		List Price Each.
Zabiyeb	21312	Polished brass.....	$6.50



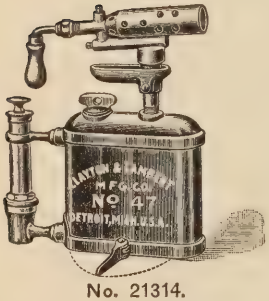
No. 21313.

NO. 38 TORCH—PINT SIZE.

The No. 38 is just like the No. 37, except that the burner has a hook and support for holding soldering coppers. Repair men like this style.

Shipping weight, 3¾ lbs. each. 50 lbs. per dozen crated. 3⅛ cubic feet per dozen crated.

Zabiyec	21313	Polished brass.....	7.00



No. 21314.

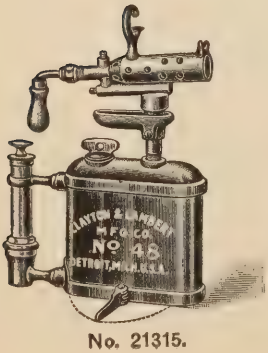
NO. 47 TORCH—PINT SIZE.

(1⅞ in. thick x 5 in. long. Stands, with burner, 5 in. high.)

Having a practical knowledge of the requirements of Electricians, we have designed the No. 47 Torch especially for them. They will find it a carefully constructed torch amply suited to their needs. It is oblong, being 1⅞ in. thick, 5 in. long and stands 8 in. high, complete with burner. It is fitted with a special burner, which is light, yet sufficiently powerful to generate a flame adapted to all requirements. The pump, which forms part of the handle, is automatic, and fitted the same as in our No. 18.

Shipping weight, each, 4⅜ lbs. Per dozen, crated, 56 lbs. Cubic feet, per dozen, crated, 3.

Zabiyed	21314	Polished brass.....	7.50



No. 21315.

NO. 48 TORCH—PINT SIZE.

No. 48 is like No. 47, except that the burner has a hook and support for soldering coppers; convenient for repair men. It is easily carried in tool bag or kit.

Shipping weight, each, 5¼ lbs. Per dozen, crated, 63 lbs. Cubic feet, per dozen, crated, 3.

Zabiyef	21315	Polished brass.....	8.00

STANDARD TAPES.

No. 11450.

P. A. "EXEMPLAR" TAPE.

P. A. tape is made from a heavy cloth fabric of best quality and is saturated with a preservative and adhesive compound. P. A. tape is made in black and white. When ordering please state which color is required. Put up in ¾ in. widths in ½ lb. packages. Any other widths furnished to order promptly.

Code Word.	List No.		List Price Per lb.
Meer	11450	Black	$ .80
Demean	13440	White	.80

No. 11452.

O. K. TAPE.

O. K. tape is made from a good quality of cloth fabric treated with a special adhesive compound. It is designed to meet the demands for a good tape at a low price.

Meeter	11452	Black	.70

No. 11453.

THE MANSON TAPE.

The foundation of Manson tape is a heavy cloth fabric having a peculiar weave. The cloth is first thoroughly saturated with an insulating and preservative compound and afterward served with an adhesive dressing, the latter resisting the severest climatic changes, as well as preventing corrosion, oxidization or unwrapping Manson tape is made in black and white. When ordering please state which color is required. Put up in ¾ in. widths, in ½ lb. packages. "Full weight." Any special width furnished to order.

Meeting	11453	Black	1.10
Demented	13441	White	1.10

No. 11454.

OKONITE TAPE.

A splicing compound with qualities possessed by no other gum tape in the market. Put up in ¾ in. widths, in ½ lb. packages.

Megaric	11454	Black	1.50

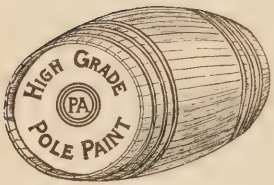
INSULATING SUNDRIES.

No. 2553.

P. A. "EXEMPLAR" SPLICING COMPOUND.

A Rubber Gum Tape containing a large portion of pure rubber. It makes a perfect insulating compound which will not deteriorate. Put up in ¾ inch widths, in 1/3 pound packages.

Code Word.	List No.		List Price
Zaderel	2553	Per lb.....	$1.20



No. 2555.

P. A. PAINT.

Acid, Alkali and Waterproof.

Used for producing smooth and waterproof surfaces upon wood and iron.

Zaderep	2556	1 gallon cans, per gal..	1.50
Zaderer	2557	Barrel lots, per gal....	1.00

P. A. POLE PAINT.

This is a high grade green paint especially prepared for Pole use.

Zaderen	2555	Per gal.....	2.50

OILED LINEN.

Made from the best Irish linen and treated with two coatings of pure linseed oil. Finished in pieces two yards long and one yard wide, and carefully packed between sheets of plain paper. Average break-down test 506 volts per mil. Thickness, 6 mils. of an inch.

Zaderem	2554	Per square yard.....	.70

No. 13343.

EXEMPLAR COMMUTATOR COMPOUND.

A new form of compound adapted for all kinds of Commutator work. It relieves sparking and cutting, giving the Commutator a fine, hard finish.

DIRECTIONS FOR USE.

Can be used the same as ordinary compound, but best results are obtained by rubbing compound on a piece of canvas or cloth and applying this cloth to the Commutator.

Zafuvay	13343	Per stick.....	1.00

ARMATURE AND FIELD TAPES.

COTTON AND LINEN TAPES.

The Tapes best suited for winding armature coils are the "Electric," "Linen," "Special Linen" and "White Calendered," depending on the size of the armature slots and the quality of the work desired. These Tapes are also suitable for winding the fields of small motors. The Tapes best suited for large motor and generator fields are the "Surgical Web," "Fine Twilled Tapes" "Medium" and "Heavy Stay Bindings" and "Gray Stay Bindings." The Tapes best suited for winding railway motor fields are the "Field" Tapes. Thicknesses given are approximate, broken packages charged extra.

"ELECTRIC" TAPE.

Put up in packages of 5 gross yards, 72 yards in a roll. Calendered to .006 inch thick. The 1½ inch packages are 3 gross yards of 36 or 72 yards per roll.

"LINEN" TAPE.

Put up in packages of 5 gross yards, 72 yards in a roll. Calendered to .006 inch thick. The 1½ inch packages are 3 gross yards of 36 or 72 yards per roll.

No. 26115.

"Electric" Tape.					"Linen" Tape.			
Code Word.	List No.	Mfr. No.	List Price Per Gross Yds.		Code Word.	List No.	Mfr. No.	List Price Per Gross Yds.
Zacoxut	26115	A-1001	$0.70	½	Zacoyac	26123	A-2001	$0.90
Zacoxuv	26116	A-1002	.80	⅝	Zacoyad	26124	A-2002	1.00
Zacoxuw	26117	A-1003	.88	¾	Zacoyaf	26125	A-2003	1.10
Zacoxux	26118	A-1004	1.06	⅞	Zacoyag	26126	A-2004	1.25
Zacoxuy	26119	A-1005	1.10	1	Zacoyah	26127	A-2005	1.40
Zacoxuz	26120	A-1006	1.30	1⅛	.....	.....	.....	....
Zacoya	26121	A-1007	1.40	1¼	.....	.....	.....	....
Zacoyab	26122	A-1008	1.70	1½	Zacoyak	26128	A-2008	2.00

"SPECIAL LINEN" TAPE.

Put up in packages of 5 gross yds., 36 or 72 yds. in a roll. Calendered to .006 in. thick.

"SURGICAL WEB."

Put up in packages of 5 gross yards, 36 or 72 yards in a roll. .019 inch thick.

"Special Linen" Tape.						"Surgical Web."			
Zacoyal	26129	A-8003	.92	¾	in.	Zacoyam	26130	A-5005	2.20
.....	.....	.....	...	1	in.	.....	.....	.....	....

"WHITE CALENDERED" TAPE.

Put up in packages of 5 gross yards, 72 yards to a roll. Calendered to .007 inch thick.

"FIELD" TAPE.

The 1 inch Field Tape is put up in packages of 3 gross yards, 36 yards to roll. The 1¼, 1½ and 2 inch, in packages of 2 gross yards, 36 yards to roll. .020 inch thick.

"White Calendered" Tape.						"Field" Tape.			
Zabixev	21249	A-3001	.90	½	in.	Zabixi	21254	A-4092	1.40
Zabixew	21250	A-3002	1.10	⅝	in.	.....	.....	.....	....
Zabixex	21251	A-3003	1.20	¾	in.	Zabixib	21255	A-4094	1.70
Zabixey	21252	A-3004	1.40	⅞	in.	.....	.....	.....	....
Zabixez	21253	A-3005	1.50	1	in.	Zabicav	4839	A-3862	2.20
.....	.....	.....	....	1¼	in.	Zabicaw	3553	A-4096	2.60
.....	.....	.....	....	1½	in.	Zabicax	3559	A-3940	3.00
.....	.....	.....	....	2	in.	Zabicay	3560	A-4098	4.20

"GRAY STAY BINDING."

Put up in packages of 3 gross yards, 36 yards to a roll. .012 inch thick.

"MEDIUM" STAY BINDING.

Put up in pacages of 3 gross yards, 36 or 72 yards to a roll. .015 inch thick.

"Gray Stay Binding."						"Medium" Stay Binding.			
Zabicar	4836	A-7003	.92	¾	in.	.....	....	.....	....
Zabicas	4837	A-7005	1.20	1	in.	.....	....	.....	....
.....	....	.....	....	1½	in.	Zabicat	4838	A-9008	2.10

"HEAVY" STAY BINDING.

Put up in packages of 3 gross yards, 36 or 72 yards to a roll. .017 inch thick.

"FINE TWILLED" QUALITY NO. 4238.

Put up in packages of 3 gross yards, 36 yards to a roll. Calendered to .010 inch thick.

"Heavy" Stay Binding.						"Fine Twilled."			
.....	....	.....	...	½	in.	Zabidin	3315	A-4201	1.10
.....	....	.....	....	⅝	in.	Zabidip	3316	A-4202	1.20
.....	....	.....	....	¾	in.	Zabidir	3317	A-4238	1.52
Zabidik	3312	A-607	2.10	1¼	in.	.....	....	.....	....
Zabidil	3313	A-608	2.30	1½	in.	.....	....	.....	....
Zabidim	3314	A-610	3.40	2	in.	.....	....	.....	....

SILK TAPE.

Put up on spools of 100 yards each. .004 inch thick.

Zabidis	3318	¼ inch	1.50
Zabidit	3319	⅜ inch	1.70
Zabidiv	3320	½ inch	2.00

RED ROPE PAPER.

A stock in the following widths and thicknesses is constantly carried.
.005, .007 and .010 inches thick. 27½, 36 and 40 inches wide.
.005 inch weighs about 25 lbs. per 1,000 sq. feet. .010 inch weighs about 55 lbs. per 1,000 sq. feet.

Zabidiw	3321	Per pound, by the roll	.20

COTTON SLEEVING AND HOSE.

SLEEVINGS.

No. 0 covers No. 18 wire.....500 yds. per pound
No. 1 covers No. 13 wire.....280 yds. per pound
No. 2 covers No. 9 wire.....180 yds. per pound
No. 3 covers No. 10 wire.....230 yds. per pound
No. 4 covers No. 8 wire.....259 yds. per pound
No. 5 covers No. 6 wire.....145 yds. per pound
No. 6 covers No. 4 wire.....140 yds. per pound
No. 7 covers No. 4 wire.....130 yds. per pound
No. 8 covers No. 3 wire.....100 yds. per pound
No. 9 covers No. 1 wire.....110 yds. per pound
No. 10 covers No. 2 wire..... 70 yds. per pound
No. 11 covers No. 2 wire..... 60 yds. per pound
No. 12 covers No. 00 wire..... 79 yds. per pound
No. 13 covers No. 7 wire.....155 yds. per pound

Made Up To 2 Inches in Diameter.

Standard Package Quantities About 10 Lbs. Each, and All Prices Are Quoted in That Quantity Only.

Code Word.	List No.		List Price Per Lb.
Zabibul	4878	No. 0 gray	$1.00
Zabibum	4879	Nos. 1 to 13 inclusive, gray	.80

Any Sleeving May Be Colored as Desired, Either Red, Blue or Black at $0.10 per lb. Additional.

SPECIAL UNLINED COTTON HOSE.

For Insulating Cable.

Code Word.	List No.	Diameter.	Laid Flat.	Approximate Weight Per 100 Feet.	List Price Per 100 Feet.
Zabibup	4881	½ inch	⅞ inch	2¾ lbs.	$3.60
Zabibur	4882	¾ inch	1¼ inch	3½ lbs.	4.00
Zabibus	4883	1 inch	1⅝ inch	5 lbs.	4.40
Zabibut	4884	1¼ inch	2⅛ inch	6 lbs.	4.70
Zabibuv	4885	1½ inch	2½ inch	7 lbs.	5.00
Zabibuw	4886	1¾ inch	3 inch	8 lbs.	5.70
Zabibux	4821	2 inch	3¼ inch	8½ lbs.	6.50
Zabibuy	4822	2¼ inch	3½ inch	11 lbs.	7.50
Zabibuz	4823	2½ inch	3⅝ inch	12½ lbs.	8.50
Zabica	4824	2¾ inch	4½ inch	13 lbs.	9.50
Zabicab	4825	3 inch	4⅝ inch	13½ lbs.	10.00
Zabicac	4826	3¼ inch	.....	14½ lbs.	11.00
Zabicad	4827	3½ inch	5½ inch	17½ lbs.	12.00
Zabicaf	4828	3¾ inch	.....	18 lbs.	13.00
Zabicag	4829	4 inch	6¼ inch	19 lbs.	15.00

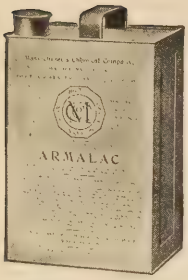
P. AND B. COMPOUNDS.

No. 1 is used where an almost immediate drier and greatest amount of penetration possible is desired. No. 1 leaves less surface coat than No. 2.

For All General Uses the No. 2 Compound is Used.

NO. 1.				NO. 2.		
Code Word.	List No.	List Price Per Gal.		Code Word.	List No.	List Price Per Gal.
Zikud	40068	$1.50	Bbls. of about 50 gallons	Zikun	40075	$1.25
Zikuf	40069	1.55	½ bbls., 30 gallons	Zikup	40076	1.35
Zikug	40070	1.60	5 gallon cans	Zikur	40077	1.40
Zikuh	40071	1.65	2½ gallon cans—2 in a case	Zikus	40078	1.45
Zikuk	40072	1.75	1 gallon cans—6 in a case	Zikut	40079	1.50
Zikul	40073	1.85	½ gallon cans—10 in a case	Zikuv	40080	1.60
Zikum	40074	2.25	Quart and pint cans	Zikuw	40081	2.00
S. P. C. FLEXIBLE IRON PAINT.				**P. AND B. CLEAR BAKING VARNISH.**		
Zaderur	40035	.70	Bbls. of about 50 gallons	Zadesab	5643	1.60
Zaderus	40036	.75	½ bbls. of about 30 gallons	Zadesac	5644	1.65
Zaderut	40037	.80	5 gallon cans	Zadesad	5645	1.75
Zaderuv	40038	.85	2½ gallon cans—2 in a case	Zadesaf	5646	1.80
Zaderuw	40039	.90	1 gallon cans—6 in a case	Zadesag	5647	1.85
Zaderux	40040	1.00	½ gallon cans—10 in a case	Zadesah	5648	1.90
Zaderuy	40041	1.10	Quart cans—10 in a case	Zadesak	5649	2.00
P. AND B. BLACK BAKING VARNISH.				**P. AND B. FINISHING VARNISH.**		
Zadesal	5650	1.40	Bbls. of about 50 gallons	Zadesav	5657	2.25
Zadesam	5651	1.45	½ bbls., 30 gallons	Zadesaw	5658	2.30
Zadesan	5652	1.55	5 gallon cans	Zadesax	5659	2.40
Zadesap	5653	1.60	2½ gallon cans—2 in a case	Zadesay	5660	2.45
Zadesar	5654	1.65	1 gallon cans—6 in a case	Zadesaz	5661	2.50
Zadesas	5655	1.70	½ gallon cans—10 in a case	Zadese	5662	2.55
Zadesat	5656	1.80	Quart cans—10 in a case	Zadeseb	5663	2.65
P. AND B. AIR-DRYING VARNISH.				**P. AND B. BAKING CORE-PLATE VARNISH.**		
Zadesec	5664	.85	Bbls. of about 50 gallons	Zadesem	5671	1.35
Zadesed	5665	.90	½ bbls., 30 gallons	Zadesen	5672	1.40
Zadesef	5666	1.00	5 gallon cans	Zadesep	5673	1.50
Zadeseg	5667	1.05	2½ gallon cans—2 in a case	Zadeser	5674	1.55
Zadeseh	5668	1.10	1 gallon cans—6 in a case	Zadeses	5675	1.60
Zadesek	5669	1.15	½ gallon cans—10 in a case	Zadeset	5676	1.65
Zadesel	5670	1.25	Quart cans—10 in a case	Zadesev	5677	1.75
P. AND B. AIR-DRYING CORE-PLATE VARNISH.				**P. AND B. ARMATURE AND FIELD COIL VARNISH.**		
Zadesew	5678	.85	Bbls. of about 50 gallons	Zadesid	5685	2.90
Zadesex	5679	.90	½ bbls., 30 gallons	Zadesif	5686	3.00
Zadesey	5680	1.00	5 gallon cans	Zadesig	5687	3.25
Zadesez	5681	1.05	2½ gallon cans—2 in a case	Zadesih	5688	3.35
Zadesi	5682	1.10	1 gallon cans—6 in a case	Zadesik	5689	3.50
Zadesib	5683	1.15	½ gallon cans—10 in a case	Zadesil	5690	3.75
Zadesic	5684	1.25	Quart cans—12 in a case	Zadesim	5691	4.00

INSULATING LIQUIDS AND COMPOUNDS.

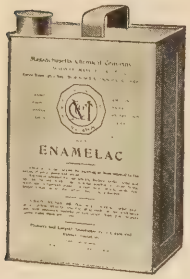


No. 36933.

ARMALAC.

A high-grade, permanently elastic compound that meets the requirements of the trade. Used for the reinforcement of the cotton covering of windings, and for paper, fiber, mica, cloth, etc. Will withstand heating and cooling without crumbling or growing brittle.

Code Word.	List No.	Barrel Lots.	List Price Per Gal 1, 2, 5 and 10 Gal. Cens.	List Price Per Gal Steel Drums.	List Price Per Gal Case of 1 Dozen Quart Pails.
Zafocoy	36933	$3.00	$3.80	....	....

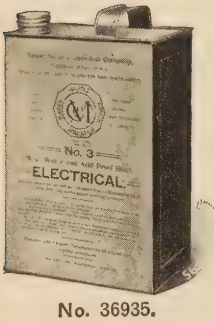


No. 36934.

ENAMELAC.

A quick-drying, glossy black insulating varnish for general work, especially inside work—switchboards, junction boxes, controller cases, and the like. Will stand well on dirty surfaces, hot steam pipes, etc., and resists acid fumes and slops.

Zafocol	36934	1.30	1.50	....	6.00

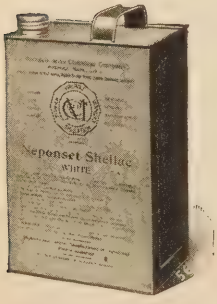


No. 36935.

M. C. ELECTRICAL PAINT.

A heavy, absolutely water and acid-proof paint, particularly adapted for acid tanks, battery cells, etc., also for the outside of railway field coils and armatures, controller cases, car fenders, and similar work.

Zafocu	36935	1.80	2.50	1.80	....



No. 36936.

NEPONSET SHELLAC.

A uniform, oil-proof insulating varnish, of general application around electrical installations. Comes both Clear and Black, and may be thinned with 95 per cent. wood alcohol. Will resist hot oil, and is especially useful on transformer tanks, frames of electrical machinery, etc. Contains no rosin.

Zafocub	36936	2.50	3.20	....	12.00

INSULATING SUNDRIES.

INSULLAC

is a rapid-drying, orange-colored insulating varnish, possessing great insulating properties and absolute resistance to lubricating oils. Dilute with insullac thinner only.

Code Word.	List No.		List Price. Barrels, per Gallon.	Half Barrels.	Cans.
Zafuvan	1464	Insullac	$3.30	$3.50	$4.00

INSULLAC THINNER.

A Dilutant for Insullac.

Zafuvap	465	Insullac Thinner	2.70	2.90	3.40

EMPIRE CLOTHS.

Furnished in rolls containing 25, 50 or 100 square yards, or any length desired.

Code Word.	List No.	No.	Grade of Stock.	Thicknes, Inches.	Price, per Sq. Yard.
Zadonaz	23151	5	Muslin	.005	.38
Zadone	23152	7	Muslin	.007	.45
Zadoneb	23153	8	Muslin	.008	.34
Zadonec	23154	10	Muslin	.010	.47
Zadoned	23155	12	Muslin	.012	.50
Zadonef	23156	15	Muslin	.015	.60
Zadoneg	23157	16	Canvas	.016	.50
Zadoneh	23158	6	Irish Linen, best quality	.006	1.25

CROCUS CLOTH.

Zadower	23292	Per sheet	.05
Zadowes	23293	Per quire (24 sheets)	1.10

EMERY CLOTH.

Zadowet	23294	Grade No. 0. Per quire (24 sheets)	1.40
Zadowev	23295	Grade No. 1. Per quire (24 sheets)	1.50
Zadowew	23296	Grade No. 2. Per quire (24 sheets)	2.00

OILED PAPERS.

Zuvuw	46585	Manilla Rope Paper	36x72 in.	.004½ per yd.	.18
Zuvux	46586	Bond Paper	19x24 in.	.005 per sheet	.12
Zuvuz	46587	Bond Paper	22x34 in.	.005 per sheet	.20
Zuwa	46588	Asbestos	36x72 in.	.009 per yd.	.30
Zuwab	46589	Red Rope Paper	36x72 in.	per yd.	.45

RED ROPE PAPER AND MICA INSULATOR.

Zuwad	46590	Any thickness. Per lb	1.30

PRESS OR FULLER BOARD.

A paper for insulating purposes. Finished with highly glazed surface. The sizes listed are those most frequently used in armature and other repair work. Any special thickness made to order.

Code Word.	List No.		List Price Per Lb.
Zafuvar	1467	Size of Sheet, 17x28 inches; thickness, .011 inch	Prices on Application.
Zafuvas	1468	Size of Sheet, 21x31 inches; thickness, .013 inch	
Zafuvat	1469	Size of Sheet, 26x40 inches; thickness, .015 inch	
Zafuvav	1470	Size of Sheet, 24x32 inches; thickness, .027 inch	
Zafuvaw	1471	Size of Sheet, 33x48 inches; thickness, .029 inch	
Zafuvax	1472	Size of Sheet, 32x39 inches; thickness, .034 inch	

SAND PAPER.

All sizes. Prices on Application.

PARAFFINE.

Zadowex	23297	Per pound	.25

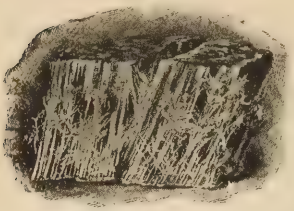
COTTON WASTE.

Zadowey	23298	Best quality white wash. Per pound	.25

RED ROPE MANILA PAPER, OR ARMATURE PAPER.

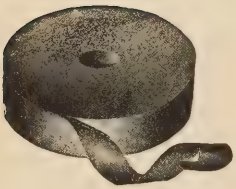
The finest quality of rope paper, extra strong and durable. Put up in rolls 36 inches wide and containing 500 square feet. From .017 to .005 inch thick.

PRICES QUOTED ON APPLICATION.



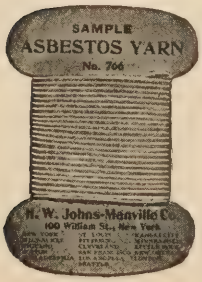
No. 11375.

No. 11376.



No. 11382.

No. 11385.



No. 11386.

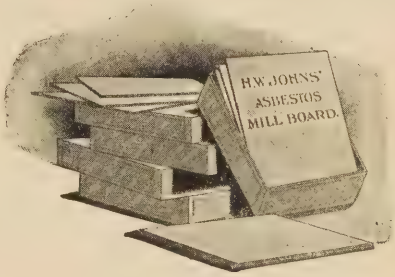
ASBESTOS INSULATING MATERIALS.

ASBESTOS PAPER AND MILL BOARD.

Code Word.	List. No.		List Price, Per Lb.
Zaboxis	11376	Paper: In rolls 36 ins. wide, .015 in. to 1-16 in. thick	$ .06
Zaboxit	11377	Paper: In rolls 36 ins. wide, 3-32 in. and ⅛ in. thick	.0[illegible]
Zaboxiv	11378	Board: In sheets 40x40 ins. wide, 1-32 in. and thicker	.10

Other widths and sizes to order.

"TRANSITE" ASBESTOS LUMBER.



No. 11379.

"Transite" is a Fireproof Board, slatelike in character, which is hard, tough and weather-proof. It is approved for panels and lining of cabinets, but not for mounting current carrying metal pieces.

			Sq. Ft.
Zaboxiw	11379	Sheets: 40x40 ins. wide, ⅛ in. thick	.15
Zaboxix	11380	Sheets: 40x40 ins. wide, ¼ in. thick	.30
Zaboxiy	11381	Sheets: 40x40 ins. wide, ½ in. thick	.60

Extra charge for cutting.
Other sizes to order.

ABBESTOS TAPE OR RIBBON.

			Per Lb.
		This is used for wrapping wires and cables.	
Zaboxiz	11382	Plain Paper Tape: In widths ⅜ in. and up, .010 in. and thicker	.30
Zaboxo	11383	Gauzeback Paper Tape: In widths ⅜ in. and up, .015 in. thick	.60
Zaboxob	11384	Woven Asbestos Tape: In widths ½ in. to 4 ins., $\frac{1}{16}$ to ¼ in. thick.	2.50

ASBESTOS TUBING OR SLEEVING.

Zaboxoc	11385	Flexible Braided Tubing: Size ⅛ in. O. D. and larger	1.80

Solid Tubes or Sleeves, made of moulded asbestos or wound paper. Prices on application.

ASBESTOS YARN OR THREAD.

Zaboxod	11386	590	One strand, about 3,500 ft.	2.50
Zaboxof	11387	663	Two strands, about 1,600 ft.	1.60
Zaboxog	11388	766	Three strands, about 1,150 ft.	1.60
Zaboxoh	11389	504	Four strands, about 1,000 ft.	1.60

"ELECTROBESTOS" PIREPROOF INSULATION.

"Electrobestos" is a fireproof material with some di-electric strength. It is furnished in such forms as:
Lamp Socket Bushings,
Lamp Socket Bases,
Wire Cleats and Channels.
Switchboard or Controller Arc Deflectors, &c., &c.
Also as a Plastic Cement.

ASBESTOS COVERED WIRE.

Braided Fireproof Insulated Copper Wire.
All sizes to order.
Prices on application.

ELECTRICAL MICA.

UNCUT SHEET MICA. SELECTED TO CUT SPECIFIED SIZES.

We make a specialty of selecting from sheet mica pieces that will cut specified or special sizes. We are very careful in selecting, so that all pieces will cut patterns with but very little waste.

GRADED A. M. C. INDIA OR AMBER MICA.

Grade A1.

Net Per Pound.

Will cut assorted sizes, 4 to 6 in. wide, 8 to 10 in. long..... $2.50

Grade No. 1.

Will cut assorted sizes, 3 to 5 in. wide, 5 to 8 in. long..... 2.00

Grade No. 2.

Will cut assorted sizes, 1½ to 3½ in. wide, 4½ to 7 in. long..... 1.25

Grade No. 3.

Will cut assorted sizes, 1½ to 3 in. wide, 3½ to 5 in. long..... 1.00

Grade No. 4.

Will cut assorted sizes, 1 to 2½ in. wide, 2½ to 3½ in. long..... .65

ELECTRICAL MICA CUT TO SIZE IN ONE-POUND PACKETS.

Size.	Price.	Size.	Price.
1 x 3	$0.85	2 x 4	2.00
1 x 4	1.00	2 x 4½	2.40
1 x 4½	1.20	2 x 5	2.60
1 x 5	1.50	2 x 6	3.50
1 x 6	2.50	2½ x 2½	1.45
1¼ x 3	1.00	2½ x 3	1.75
1¼ x 4	1.25	2½ x 3½	2.25
1¼ x 4½	1.50	2½ x 4	2.50
1¼ x 5	2.25	2½ x 4½	2.75
1¼ x 6	3.00	2½ x 5	3.00
1½ x 2	.85	2½ x 6	4.25
1½ x 2½	.90	3 x 3	2.25
1½ x 3	1.00	3 x 3½	2.75
1½ x 4	1.50	3 x 4	3.00
1½ x 4½	2.00	3 x 5	4.25
1½ x 5	2.40	3 x 6	6.50
1½ x 5½	2.50	3 x 7	8.00
1½ x 6	3.25	4 x 4	4.25
1¾ x 3	1.30	4 x 5	6.00
1¾ x 3½	1.50	4 x 6	8.50
1¾ x 4	1.75	4 x 7	10.00
1¾ x 4½	2.25	4 x 8	13.00
1¾ x 5	2.50	5 x 5	7.25
1¾ x 6	3.40	5 x 6	9.50
2 x 2	1.00	5 x 7	11.00
2 x 2¼	1.10	5 x 8	15.00
2 x 2½	1.15	6 x 6	10.00
2 x 2¾	1.40	6 x 7	12.00
2 x 3	1.50	6 x 8	16.00
2 x 3¼	1.60	8 x 8	18.00
2 x 3½	1.75	8 x 10	30.00

All larger at special prices. Sizes not listed are charged at the list of the next larger size.

We can furnish Mica for every purpose. Stamped Solid Mica Sigments or built to any desired thickness. Mica Washers or Discs. Write for prices.

GROUND MICA.

Grades: 10, 20, 40, 60, 100, 160.

PRICES AND SAMPLE ON APPLICATION.

FIBRE PRODUCTS.

ROUND HARD FIBRE RODS.

Round rods are turned and are within .010 of an inch to the size given. They are made in lengths of about 5 feet.

Made in Gray, Black or Red Colors. Red, Only, Carried in Stock.

Code Word.	List No.		List Price Per Foot.	Code Word.	List No.		List Price Per Foot
Zafuxan	42738	3/32 inch	$0.30	Zafuxe	42748	9/16 inch	$0.60
Zafuxap	42739	1/8 inch	.30	Zafuxeb	42749	5/8 inch	.70
Zafuxar	42740	3/16 inch	.30	Zafuxec	42750	11/16 inch	.84
Zafuxas	42741	1/4 inch	.30	Zafuxed	42751	3/4 inch	1.00
Zafuxat	42742	5/16 inch	.32	Zafuxef	42752	5/8 inch	1.20
Zafuxav	42743	3/8 inch	.36	Zafuxeg	42753	1 inch	1.50
Zafuxaw	42744	13/32 inch	.44	Zafuxeh	42754	1 1/8 inch	2.00
Zafuxax	42745	7/16 inch	.44	Zafuxek	42755	1 1/4 inch	2.50
Zafuxay	42746	1/2 inch	.52	Zafuxel	42756	1 3/8 inch	4.00
Zafuxaz	42747	17/32 inch	.60	Zafuxem	42757	1 1/2 inch	6.00

VULCANIZED FIBRE SHEETS.

Made in Red, Black and Gray Colors. Red, Only, Carried in Stock.

Size of sheets, about 50 in. x 68 in. For convenience in shipping we prefer to cut sheet in halves.

			Approx. Weight Sheets, Lbs.	Per Lb.
Zafuxen	42758	Under 1/64 inch	2- 4	$0.60
Zafuxep	42759	1/32 to 1/64 inch	4- 8	.50
Zafuxer	42760	1/16 to 1/32 inch	8- 10	.44
Zafuxes	42761	1/8 to 1/2 inch	18- 64	.36
Zafuxet	42762	Over 1/2 to 3/4 inch	64- 96	.50
Zafuxev	42763	3/4 to 1 inch	96-128	.70
Zafuxew	42764	1 to 1 1/4 inch	128-160	.80
Zafuxex	42765	1 1/4 inch to 1 1/2 inch	160-192	Special

Black, 5 cents per pound advance. Sheet Fibre, 1 inch thick, weighs 7½ pounds per square foot. Strips not less than 4 in. wide, 4 cents per pound extra. Strips less than 4 in. wide, 10 cents per pound extra.

SQUARE OR FLAT FIBRE STICKS.

These are sawed from sheets and are about 42 in. long unless otherwise ordered.

HARD ROLLED FIBRE TUBING.

Red, Only, Carried in Stock.

		Inside Diam.	Thickness of Wall 1/16 in.	3/32 in.	1/8 in.	5/32 in.	3/16 in.	1/4 in.
Zafuxey	42766	1/8 inch	$0.20	$0.30	$0.40	.....	.....	.....
Zafuxez	42767	3/16 inch	.20	.30	.40	.....	.....	.....
Zafuxi	42768	1/4 inch	.10	.14	.18	$0.22	$0.26	.....
Zafuxib	42769	5/16 inch	.10	.15	.19	.24	.28	.....
Zafuxic	42770	3/8 inch	.11	.16	.21	.26	.31	.....
Zafuxid	42771	7/16 inch	.11	.17	.22	.28	.33	.....
Zafuxif	42772	1/2 inch	.12	.18	.24	.30	.36	$0.48
Zafuxig	42773	9/16 inch	.13	.20	.26	.32	.39	.52
Zafuxih	42774	5/8 inch	.14	.21	.28	.35	.42	.56
Zafuxik	42775	11/32 inch	.15	.23	.30	.37	.45	.60
Zafuxil	42776	3/4 inch	.16	.24	.32	.40	.48	.64
Zafuxim	42777	13/16 inch	.17	.26	.34	.42	.51	.68
Zafuxin	42778	7/8 inch	.18	.27	.36	.45	.54	.72
Zafuxip	42779	15/16 inch	.19	.29	.38	.47	.57	.76
Zafuxir	42780	1 inch	.20	.30	.40	.50	.60	.80
Zafuxis	42781	1 1/8 inch	.22	.33	.44	.55	.66	.88
Zafuxit	42782	1 1/4 inch	.24	.36	.48	.60	.72	.90
Zafuxiv	42783	1 3/8 inch	.26	.39	.52	.65	.78	1.04
Zafuxiw	42784	1 1/2 inch	.28	.42	.56	.70	.84	1.12
Zafuxix	42785	1 5/8 inch	.30	.45	.60	.75	.90	1.20
Zafuxiy	42786	1 3/4 inch	.32	.48	.64	.80	.96	1.28
Zafuxiz	42787	1 7/8 inch	.34	.51	.68	.85	1.02	1.36
Zafuxo	42788	2 inch	.36	.54	.72	.90	1.08	1.44

The above are prices per foot in lengths of about 2 to 3 feet. Prices on other sizes quoted on application.

VULCANIZED FIBRE WASHERS AND DISCS.

Furnished in 1/16, 3/32, 1/8, 3/16, 1/4 and 3/8 inches in thickness, and outside diameters from 1/2 to 12 inches, any size hole. Prices quoted on application.

RUBBER PRODUCTS.

HARD RUBBER SHEETS.

Size of Sheets, 21 x 25 Inches.

Code Word.	List No.	Thickness.	Approx. Weight of Full Sheet.	List Price Per Lb.
Zuvaf	46502	1/32 inch	1⅛ lbs.	$2.10
Zuvag	46503	1/16 inch	2¾ lbs.	2.00
Zuvah	46504	3/32 inch	3⅞ lbs.	2.00
Zuvak	46505	1/10 inch	4⅜ lbs.	2.00
Zuval	46506	1/8 inch	5½ lbs.	2.00
Zuvam	46507	5/32 inch	6 lbs.	2.00
Zuvan	46508	3/16 inch	7½ lbs.	2.00
Zuvap	46509	1/4 inch	10½ lbs.	2.00
Zuvar	46510	5/16 inch	13¼ lbs.	2.00
Zuvas	46511	3/8 inch	16½ lbs.	2.00
Zuvat	46512	7/16 inch	18¾ lbs.	2.00
Zuvav	46513	1/2 inch	22 lbs.	2.00
Zuvaw	46514	9/16 inch	24 lbs.	2.00
Zuvax	46515	5/8 inch	27 lbs.	2.00
Zuvaz	46516	3/4 inch	32 lbs.	2.00
Zuve	46517	7/8 inch	35 lbs.	2.00
Zuveb	46518	1 inch	40 lbs.	2.00
Zuved	46519	1 1/4 inch	50 lbs.	2.00

HARD RUBBER RODS.

In Lengths of 30 Inches.

		Diameter.	Per 100 Feet.	
Zuvef	46520	1/8 inch	¾ lb.	3.70
Zuveg	46521	3/16 inch	1½ lbs.	3.40
Zuveh	46522	1/4 inch	2¾ lbs.	2.56
Zuvek	46523	5/16 inch	4 lbs.	2.00
Zuvel	46524	3/8 inch	6⅛ lbs.	2.00
Zuvem	46525	7/16 inch	8 lbs.	2.00
Zuven	46526	1/2 inch	10¼ lbs.	2.00
Zuvep	46527	9/16 inch	12¾ lbs.	2.00
Zuver	46528	5/8 inch	16 lbs.	2.00
Zuves	46529	11/16 inch	19¼ lbs.	2.00
Zuvet	46530	3/4 inch	22¾ lbs.	2.00
Zuvev	46531	13/16 inch	27¾ lbs.	2.00
Zuvew	46532	7/8 inch	29¼ lbs.	2.00
Zuvex	46533	15/16 inch	36½ lbs.	2.00
Zuvez	46534	1 inch	42 lbs.	1.80
Zuvi	46535	1 1/4 inch	65½ lbs.	1.80
Zuvib	46536	1 1/2 inch	92½ lbs.	1.80
Zuvid	46537	1 3/4 inch	128 lbs.	1.80
Zuvif	46538	2 inch	1 rod, 4 lbs.	1.80
Zuvig	46539	2 1/4 inch	1 rod, 5¼ lbs.	1.75
Zuvih	46540	2 1/2 inch	1 rod, 6¼ lbs.	1.75

COMPOSITION HARD RUBBER TUBING.

In Lengths of 24 Inches.

		Outside Diameter.	Inside Diameter.	Approx. No. Feet Per Lb.	
Zuvik	46541	⅜ inch	1/8 inch	20	1.00
Zuvil	46542	½ inch	1/4 inch	14	1.00
Zuvim	46543	½ inch	5/16 inch	16	1.00
Zuvin	46544	⅝ inch	3/8 inch	10	1.00
Zuvip	46545	¾ inch	1/2 inch	8	1.00
Zuvir	46546	⅞ inch	5/8 inch	6	1.00
Zuvis	46547	1 inch	3/4 inch	6	1.00
Zuvit	46548	1⅛ inch	7/8 inch	6	1.00

SOFT RUBBER TUBING.

		Inside Diam.	Covers Wire.		
Zuviv	46549	1/16 inch	No. 30 B. & S.	125	3.75
Zuviw	46550	1/8 inch	No. 20 B. & S.	60	2.00
Zuvix	46551	3/16 inch	No. 14 B. & S.	30	2.00
Zuviz	46552	1/4 inch	No. 10 B. & S.	20	2.00
Zuvom	46561	5/16 inch	No. 6 B. & S.	15	.75
Zuvon	46562	3/8 inch	No. 4 B. & S.	12	.75
Zuvop	46563	1/2 inch	No. 0 B. & S.	9	.75

OKONITE TUBING.

Zuvob	46554	1/8 inch	.....	35	2.00
Zuvod	46555	1/4 inch	.....	17	2.00
Zuvof	46556	5/16 inch	.....	14	2.00
Zuvog	46557	3/8 inch	.....	11½	2.00
Zuvoh	46558	1/2 inch	.....	10	2.00
Zuvok	46559	5/8 inch	.....	8	2.00
Zuvol	46560	3/4 inch	.....	4½	2.00

WEATHERPROOF WIRE.

Triple Braid.

SOLID CONDUCTOR.

O. K. Wires have been the acknowledged standard of weatherproof insulation for over twenty years, and are recognized as such wherever this class of insulation is used.

The wires have three closely woven braids of cotton, all thoroughly saturated with a black weatherproof compound, which shows no signs of softening under any ordinary temperature. The outer braid is smoothly polished.

The price of weatherproof wire changes so frequently that no prices are given. Prices are issued from time to time, giving the lowest market price for various quantities.

We always bill weatherproof wire at lowest market rates, and solicit an opportunity to quote special prices on all large quantities.

Code Word.	B. & S. Gauge.	Approximate Weight, Lbs. Per 1000 Ft.	Approximate Weight, Lbs. Per Mile.	Approx. Diameter Over Insulation, Inches.	Put Up for Shipment. Reels. Diam. Reels, Inches.	Reels. Approx. Length, Feet.	Reels. Approx. Weight, Pounds.	Cases. Containing Approx. 200 Lbs. Coils.	Cases. Containing Approx. 200 Lbs. Weight.	Coils. Approx. Weight, Pounds.
Zacexec	0000	767	4050	25/32	42	2640	2025	....	....	....
Zacexed	000	630	3320	47/64	42	2640	1660	....	....	....
Zacexef	00	502	2650	39/64	36	2640	1325	....	....	....
Zacexeg	0	407	2150	9/16	36	2640	1075	....	....	....
Zacexeh	0000	767	4050	25/32	28	325	250	....	....	....
Zacexek	000	630	3320	47/64	28	400	250	....	....	....
Zacexel	00	502	2650	39/64	28	500	250	....	....	....
Zacexem	0	407	2150	9/16	28	625	250	....	....	....
Zacexen	1	316	1670	1/2	28	800	250	....	....	125
Zacexep	2	260	1370	15/32	28	1000	260	....	....	130
Zacexer	3	200	1050	27/64	26	1250	250	....	....	125
Zacexes	4	164	865	25/64	26	1600	260	....	....	130
Zacexet	5	134	710	11/32	26	2000	275	....	....	140
Zacexev	6	112	590	5/16	26	2500	275	....	....	140
Zacexew	8	75	395	17/64	26	2800	200	....	....	100
Zacexex	10	53	280	1/4	26	3300	175	....	....	90
Zacexey	8	75	395	17/64	....	....	....	8	25	....
Zacexez	10	53	280	1/4	....	....	....	8	25	....
Zacexi	12	35	185	7/32	....	....	....	8	25	....
Zacexib	14	25	130	3/16	....	....	....	8	25	....
Zacexic	16	14	75	5/32	....	....	....	12	17	....
Zacexid	18	11	58	1/8	....	....	....	12	17	....

Lowest Market Prices Quoted on Application.

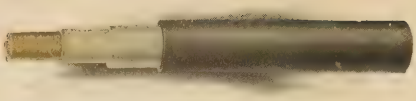
WIRE SECTION

For over twenty years "O. K." weatherproof wires have been the acknowledged standard with the electrical trade, their reputation having been earned by a durable insulation, desirable finish, and uniform weights.

Plant of Phillips Insulated Wire Company, Pawtucket, R. I.

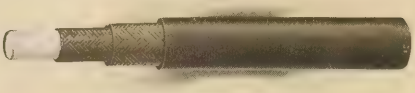
INSULATED CONDUCTORS

"O. K." Weatherproof Triple Braid

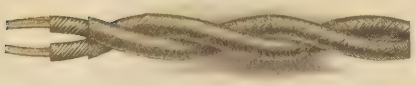


Slowburning Weatherproof

Ideal Slowburning Wire

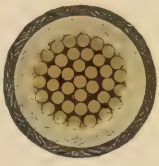


Weatherproof Iron Wire



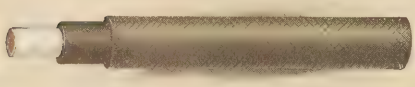
Weatherproof Twisted Pairs

Annunciator Wire.
One lb. Spools

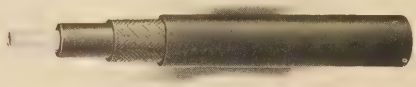


Cross Section of
Concentric Strand

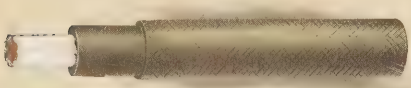
Damp-proof Office Wire



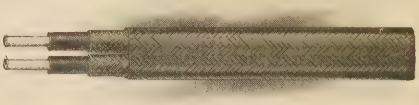
"Parac" Rubber Covered—Single Braid



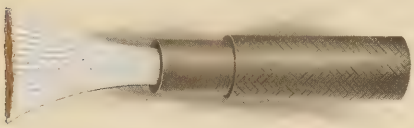
"Parac" Rubber Covered—Double Braid



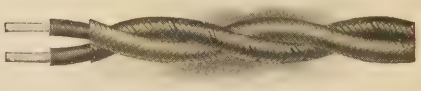
"Parac" Rubber Covered—Stranded



"Parac" Rubber Covered—Duplex



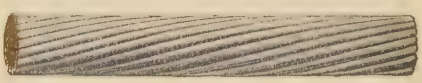
"Parac" Rubber Covered—Flexible



"Parac" Telephone Wires

BARE COPPER CONDUCTORS

Cross Sections of Trolley Wires



Tinned Copper Strand

Hard Drawn Line Wires

WEATHERPROOF WIRE.

Triple Braid.

STRANDED CONDUCTOR.

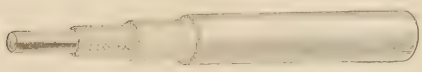
O. K. Stranded Wires, even to the largest sizes of Feeder Cable, are braided with standard cotton yarns, and are finished in the same manner and with the same high lasting polish which characterizes all the O. K. products. The style of stranding shown in the table below is the regular product of the factory, but the conductor can be specially stranded of a greater or less number of wires if desired. Concentric strands are used entirely, as that style gives the smallest diameter of conductor for the carrying capacity.

Code Word.	Capacity Circular Mils.	Approximate Weight, Lbs. Per 1000 Ft.	Approximate Weight, Lbs. Per Mile.	Approx. Diameter Over Insulation.	Concentric Strands. Number Wires.	Concentric Strands. Diam. Each.	Put Up for Shipment. Reels. Diam. Reels. Inches.	Put Up for Shipment. Reels. Approx. Weight. Pounds.	Put Up for Shipment. Reels. Approx. Length, Feet.
Zacewuw	1000000	3670	19400	1 21/32	61	.128	45	630	2420
Zacewux	900000	3340	17600	1 39/64	61	.121	45	720	2405
Zacewuy	800000	3000	15800	1 9/16	61	.114	45	800	2400
Zacewuz	700000	2650	14000	1 15/32	61	.107	45	900	2385
Zacexa	600000	2270	12000	1 21/64	61	.099	45	1000	2270
Zacexab	500000	1900	10000	1 1/4	37	.116	48	1320	2550
Zacexac	450000	1760	9300	1 3/16	37	.110	45	1320	2325
Zacexad	400000	1590	8400	1 9/64	37	.104	45	1320	2100
Zacexaf	350000	1340	7100	1	37	.097	42	1500	2010
Zacexag	300000	1170	6200	31/32	37	.090	42	1500	1755
Zacexah	250000	980	5200	29/32	37	.082	42	2000	1960
Zacexak	0000 B.&S.	800	4220	55/64	19	.105	45	2640	2110
Zacexal	000 B.&S.	653	3450	51/64	19	.094	42	2640	1725
Zacexam	00 B.&S.	522	2760	43/64	19	.083	36	2640	1380
Zacexan	0 B.&S.	424	2240	39/64	19	.074	36	2640	1120
Zacexap	0000 B.&S.	800	4220	55/64	19	.105	28	375	300
Zacexar	000 B.&S.	653	3450	51/64	19	.094	28	450	300
Zacexas	00 B.&S.	522	2760	43/64	19	.083	28	525	275
Zacexat	0 B.&S.	424	2240	29/64	19	.074	28	650	275
Zacexav	1 B.&S.	328	1735	35/64	7	.109	28	800	260
Zacexaw	2 B.&S.	270	1425	33/64	7	.098	28	1000	270
Zacexax	3 B.&S.	206	1090	15/32	7	.086	28	1200	250
Zacexay	4 B.&S.	170	900	7/16	7	.077	26	1400	240
Zacexaz	5 B.&S.	140	740	3/8	7	.068	26	1600	225
Zacexe	6 B.&S.	115	610	11/32	7	.061	26	1800	210
Zacexeb	8 B.&S.	78	410	9/32	7	.048	26	2500	195

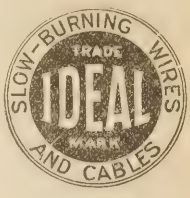
Lowest Market Prices Quoted on Application.

IDEAL SLOW-BURNING WIRE.

WHITE OUTSIDE.



SOLID CONDUCTORS.



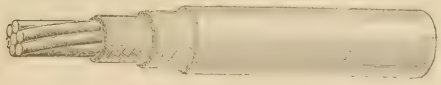
This wire has three close braids of cotton, all saturated with a white fireproof compound. It is now approved by the National Board of Fire Underwriters, for use under those conditions, where "Slow-Burning Weatherproof, White Outside," or "Ideal" Wire was formerly required. The wire is finished with a smooth hard polish, and the insulation will not chip off in handling.

		Approximate Weight, Lbs.		Approx. Diameter Over	Put Up for Shipment. Reels.			Cases.		Coils.
Code Word.	B. & S. Gauge.	Per 1000 Ft.	Per Mile.	Insulation. Inches.	Diam. Reels, Inches.	Approx. Length, Ft.	Approx. Weight, Lbs.	Containing Coils, Approx.	Weight, 200 Lbs.	Approx. Weight, Lbs.
Zacexon	0000	925	4890	3/4	42	2640	2450	..	..	....
Zacexop	000	760	4020	45/64	42	2640	2000	..	..	....
Zacexor	00	600	3170	37/64	36	2640	1600	..	..	....
Zacexos	0	495	2610	17/32	36	2640	1300	..	..	....
Zacexot	0000	925	4890	3/4	28	325	300	..	..	....
Zacexov	000	760	4020	45/64	28	400	300	..	..	....
Zacexow	00	600	3170	37/64	28	500	300	..	..	....
Zacexox	0	495	2610	17/32	28	625	310	..	..	....
Zacexoy	1	365	1930	15/32	28	800	290	..	..	150
Zacexoz	2	320	1690	7/16	28	1000	320	..	..	160
Zacexu	3	270	1425	13/32	26	1100	340	..	..	170
Zacexub	4	220	1160	3/8	26	1400	350	..	..	175
Zacexuc	5	190	1000	11/32	26	1500	380	..	..	190
Zacexud	6	160	845	5/16	26	1900	400	..	..	200
Zacexuh	8	100	530	17/64	..	....	....	8	25	....
Zacexuk	10	80	420	1/4	..	....	....	8	25	....
Zacexul	12	55	290	7/32	..	....	....	8	25	....
Zacexum	14	40	210	3/16	..	....	....	8	25	....
Zacexun	16	18	95	5/32	..	....	....	12	17	....
Zacexup	18	14	75	1/8	..	....	....	12	17	....

Lowest Market Prices Quoted on Application.

IDEAL SLOW-BURNING WIRE.

WHITE OUTSIDE.



STRANDED CONDUCTORS.

Although the compound used in saturating the braids of Slow-Burning Wire becomes very hard the wire still retains its flexibility, and the insulation will not chip or peel in handling. As this insulation does not deteriorate in a continued high temperature, it is especially suitable for engine and boiler rooms.

Code Word.	Capacity Circular Mils.		Approximate Weight, Lbs. Per 1000 Ft.	Per Mile	Approx. Diameter Over Insulation	Concentric Strands. Number Wires.	Diam. Each.	Put Up for Shipment Reels. Diam. Reels. Inches.	Apprx. Length, Feet.	Apprx. Wgt. Lbs.
Zacexif	1000000		3980	21000	1 39/64	61	.128	45	660	2600
Zacexig	900000		3640	19200	1 9/16	61	.121	45	720	2600
Zacexih	800000		3280	17300	1 33/64	61	.114	45	800	2600
Zacexik	700000		2920	15400	1 27/64	61	.107	45	900	2600
Zacexil	600000		2460	13000	1 9/32	61	.099	45	1000	2500
Zacexim	500000		2080	11000	1 13/64	37	.116	45	1320	2750
Zacexin	450000		1900	10000	1 9/64	37	.110	45	1320	2500
Zacexip	400000		1700	9000	1 3/32	37	.104	45	1320	2250
Zacexir	350000		1500	7900	31/32	37	.097	42	1500	2250
Zacexis	300000		1310	6900	15/16	37	.090	42	1500	1950
Zacexit	250000		1120	5900	7/8	37	.082	42	2000	2250
Zacexiv	0000	B.&S.	960	5070	53/64	19	.105	45	2640	2535
Zacexiw	000	B.&S.	785	4150	49/64	19	.094	42	2640	2075
Zacexix	00	B.&S.	625	3300	41/64	19	.083	36	2640	1650
Zacexiy	0	B.&S.	510	2700	37/64	19	.074	36	2640	1350
Zacexiz	0000	B.&S.	960	5070	53/64	19	.105	28	375	360
Zacexo	000	B.&S.	785	4150	49/64	19	.094	28	450	350
Zacexob	00	B.&S.	625	3300	41/64	19	.083	28	525	375
Zacexoc	0	B.&S.	510	2700	37/64	19	.074	28	650	330
Zacexod	1	B.&S.	380	2000	33/64	7	.109	28	800	300
Zacexof	2	B.&S.	335	1770	31/64	7	.098	28	1000	335
Zacexog	3	B.&S.	280	1480	29/64	7	.086	28	1200	335
Zacexoh	4	B.&S.	230	1220	27/64	7	.077	26	1400	340
Zacexok	5	B.&S.	195	1030	3/8	7	.068	26	1600	390
Zacexol	6	B.&S.	165	870	11/32	7	.061	26	1800	410
Zacexom	8	B.&S.	105	555	7/32	7	.048	26	2500	260

Lowest Market Prices Quoted on Application.

WEATHERPROOF IRON WIRE.

DOUBLE AND TRIPLE BRAIDED.

These wires are extensively used in telephone and telegraph work, and have the same insulation as the regular "O. K." weatherproof line wires. They are finished with the same smooth polish as all our other wires, and are put up for shipment in coils only, thoroughly wrapped in burlap.

Code Word.	Iron Wire Gauge.	Approximate Weight Pounds, per Mile. Double Braided.	Triple Braided.	Length Coils.
Zacimiv	8	470	520	¼ mile
Zacimiw	9	400	450	1-3 mile
Zacimix	10	350	400	½ mile
Zacimiy	12	230	260	½ mile
Zacimiz	14	150	175	½ mile

WEATHERPROOF HARD-DRAWN COPPER WIRE.

TRIPLE BRAID.

These wires are insulated especially for the telephone and telegraph trade, combining the highest conductivity with the greatest tensil strength.

	Size B. & S. Gauge.		
Zacimo	8	395	¼ mile
Zacimob	9	325	1-3 mile
Zacimoc	10	280	½ mile
Zacimod	12	185	½ mile
Zacimof	14	130	½ mile

All coils are thoroughly burlapped for shipment.

"O. K." INTERIOR TELEPHONE WIRE.

DOUBLE AND TRIPLE CONDUCTOR.

These wires have two reversed winds of cotton yarn, saturated with black weatherproof compound. They are then braided in black or olive, the braid thoroughly saturated and highly polished. An inconspicuous finder thread is run throughout the braid, which enables each conductor to be readily distinguished. Very largely used in interior telephone work.

		Approximate Weight Pounds, per 1000 Ft. Twisted Pairs.	Triple Conductor.
Zacimog	16	32	48
Zacimoh	18	23	35
Zacimok	19	20	30

Both twisted pairs and triple conductor put up in 500 ft. coils. Packed for shipment, twisted pairs, 10,000 ft.; triple conductor, 7,000 ft. in a case.

ANNUNCIATOR WIRE.

Insulated with two winds of cotton yarn applied in opposite directions, saturated with our special wax compound, and highly polished. This makes a very compact insulation. Furnished either on spools containing about 8 pounds or exactly 1 pound, and in 1 pound coils, and packed in cases containing approximately 200 pounds. Furnished in colors, and styles as follows:

Red.	Brown.	Olive.
Blue.	White.	Yellow.
Red and White.		Blue and White.

SINGLE CONDUCTOR.				TWISTED PAIRS.			
Size.	Pounds 1000 Ft.	Code Word. Plain.	Code Word. Tinned.	Pounds 1000 Ft.	Code Word. Plain.	Code Word. Tinned.
14	15	Zacikow	Zaciku	30	Zacikuf	Zacikul
16	950	Zacikox	Zacikub	19	Zacikug	Zacikum
18	650	Zacikoy	Zacikuc	13	Zacikuh	Zacikun
20	450	Zacikoz	Zacikud	9	Zacikuj	Zacikup

DAMP-PROOF OFFICE WIRE.

This wire is double wound and braided, the two winds of cotton yarn applied in opposite directions, saturated with our regular black weatherproof compound.

The braid is specially treated with wax, highly polished, and will not collect dust. Office wires are carried regularly in the following colors:

Red. Red and White. Blue. Blue and White.

Sizes 16 and 18 in red and white are also carried in a duplex wire, being two separately insulated conductors under one braid.

Sizes not marked (*) carried in stock.

		Size B. & S. Gauge.	Approx. Pounds per 1000 ft.	In cases containing approximately 200 pounds. No. Coils.	Weight Each.	No. Spools.	Weight Each.
Zabekif	49913	*12	34.	8	25	20	10
Zabekig	49914	14	24.	12	17	20	10
Zabekih	49915	16	13.50	12	17	20	10
Zabekik	49916	18	10.	12	17	20	10
Zabekil	49917	*20	8.	12	17	20	10

Lowest Market Prices on Application.

BARE COPPER WIRE.

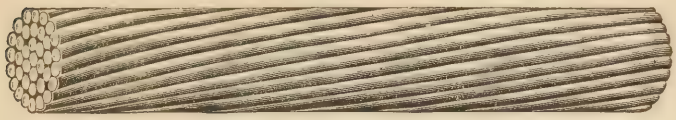
HARD DRAWN AND ANNEALED.

These wires are drawn accurately to gauge according to specification. They are of high conductivity and great tensile strength.

All copper wires are regularly drawn to B. & S. gauge and annealed, and all orders will be filled accordingly, unless otherwise stated.

Code Word. Annealed.	Code Word. Hard Drawn.	B. & S. Gauge.	Circular Mils.	Diameter Mils.	Pounds. per 1000 Ft.	Pounds. per Mile.
Zacibam	Zacibes	0000	211,600.00	460,000	639.33	3,375.66
Zaciban	Zacibet	000	167,802.93	409,640	507.01	2,677.01
Zacibap	Zacibev	00	133,079.04	364,800	402.09	2,123.03
Zacibar	Zacibew	0	105,534.02	324,860	318.86	1,683.58
Zacibas	Zacibex	1	83,694.49	289,300	252.88	1,335.21
Zacibat	Zacibey	2	66,373.22	257,630	200.54	1,058.85
Zacibav	Zacibez	3	52,633.54	229,420	159.03	839.68
Zacibaw	Zacibi	4	41,742.58	204,310	126.12	665.91
Zacibax	Zacibib	5	33,102.16	181,940	100.01	528.05
Zacibay	Zacibic	6	26,250.48	162,020	79.32	418.81
Zacibaz	Zacibid	7	20,816.72	144,280	62.90	332.11
Zacibe	Zacibif	8	16,509.68	128,490	49.88	263.37
Zacibeb	Zacibig	9	13,094.22	114,430	39.56	208.88
Zacibec	Zacibih	10	10,381.57	101,890	31.37	165.63
Zacibed	Zacibik	11	8,234.11	90,742	24.88	131.37
Zacibef	Zacibil	12	6,529.93	80,808	19.73	104.17
Zacibeg	Zacibim	13	5,178.39	71,961	15.65	82.63
Zacibeh	Zacibin	14	4,106.76	64,084	12.44	65.68
Zacibek	Zacibip	15	3,256.76	57,068	9.84	51.96
Zacibel	Zacibir	16	2,582.67	50,820	7.81	41.24
Zacibem	Zacibis	17	2,048.20	45,257	6.19	32.68
Zaciben	Zacibit	18	1,624.33	40,303	4.91	25.92
Zacibep	Zacibiv	19	1,288.09	35,890	3.88	20.49
Zaciber	Zacibiw	20	1,021.51	31,961	3.09	16.32

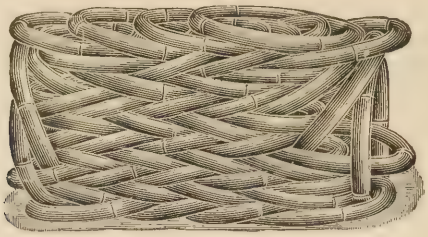
BARE COPPER STRANDS.



The table given below contains standard concentric strands, but a cable can be composed of either a greater or lesser number of wires, should it be so ordered. Concentric stranding is recommended, as it gives the smallest diameter of conductor, for any given capacity.

Code Word.	B. & S. Gauge.	Circular Mils.	Number and Diam. of Wires Composing Strand.		Diam. of Strands, Mils.	Pounds per 1000 Ft.	Pounds per Mile.
Zacicir	....	1500000	61	.157	1405	4575	24156
Zacicis	....	1250000	61	.142	1280	3812	20130
Zacicit	....	1000000	61	.128	1152	3050	16104
Zaciciv	....	950000	61	.125	1125	2898	15299
Zaciciw	....	900000	61	.121	1092	2745	14494
Zacicix	....	850000	61	.118	1062	2593	13688
Zaciciy	....	800000	61	.115	1035	2440	12883
Zaciciz	....	750000	61	.111	1000	2288	12078
Zacico	....	700000	61	.107	963	2135	11273
Zacicob	....	650000	61	.103	927	1983	10468
Zacicoc	....	600000	61	.099	891	1830	9662
Zacicod	....	550000	61	.093	855	1678	8857
Zacicof	....	500000	37	.116	819	1525	8052
Zacicog	....	450000	37	.110	770	1373	7247
Zacicoh	....	400000	37	.104	728	1220	6442
Zacicok	....	350000	37	.097	679	1068	5636
Zacicol	....	300000	37	.090	630	915	4831
Zacicom	....	250000	37	.082	575	762	4026
Zacicon	0000	211600	19	.105	530	645	3405
Zacicop	000	168100	19	.094	470	513	2709
Zacicor	00	133225	19	.084	420	406	2144
Zacicos	0	105625	19	.075	375	322	1700
Zacicot	1	83694	7	.109	328	258	1362
Zacicov	2	66373	7	.098	300	204	1077
Zacicow	3	52634	7	.087	260	162	855
Zacicox	4	41743	7	.077	232	128	676
Zacicoy	5	33102	7	.069	206	102	539
Zacicoz	6	26250	7	.061	185	81	428
Zacicu	8	16510	7	.948	150	51	269
Zacicub	10	10381	7	.039	112	32	169
Zacicuc	12	6530	7	.031	88	20	107
Zacicud	14	4107	7	.024	69	13	68

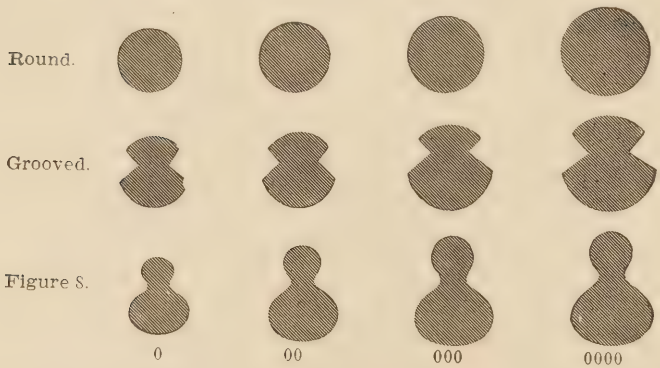
HARD DRAWN COPPER LINE WIRE.



These wires are drawn accurately to specification, in either B. and S. or N. B. S. gauge. They are designed especially for telephone, telegraph and railway signal work. They are put up in approximately one-half and one mile coils and are thoroughly burlapped for protection in shipping.

Code Word.	List No.	Size.	Diam. in Mils.	Capacity Circular Mils.	Pounds, per Mile.
Zadofap	30606	8 B. and S.	128.5	16510	264
Zadofar	30607	10 B. and S.	101.9	10384	166
Zadofas	30608	12 B. and S.	80.8	6530	104
Zadofat	30609	14 B. and S.	64.	4107	66
Zadofav	30610	8 N. B. S.	160.	25600	409
Zadofaw	30611	10 N. B. S.	128.	16384	262
Zadofax	30612	12 N. B. S.	104.	10816	173
Zadofay	30613	14 N. B. S.	80.	6400	102

TROLLEY WIRE.



Hard-drawn Trolley Wires are furnished in any of the standard styles round, grooved or figure eight. Sizes 0000 and 000 are furnished in one-half, and 00 and 0 in one-half or one mile lengths.

The cross section of the various styles and sizes are shown above.

Round.		Grooved.		Figure 8.		Size B. and S. Gauge.	Capacity Circular Mils.	Pounds, per Mile.
Zadofaz	30622	Zadofed	30618	Zadofek	30614	0000	211600	3376
Zadofe	30623	Zadofef	30619	Zadofel	30615	000	167805	2677
Zadofeb	30624	Zadofeg	30620	Zadofem	30616	00	133079	2123
Zadofec	30625	Zadofeh	30621	Zadofen	30617	0	105538	1684

PRICE LIST KEY.

FOR WEATHERPROOF COPPER WIRE.

Standard Weatherproof Wire has three braids all saturated with a black weatherproof compound.

Slow-Burning Weatherproof, or Fire Underwriters' Wire has three braids. The two inner braids are saturated with a white fireproof compound and the outer braid with a black weatherproof compound.

Slow-Burning or Underwriters' Wire consists of three braids, all saturated with a white fireproof compound.

The prices of all these wires are figured from the base price of weatherproof wire which must not be confounded with the bar price of copper nor the base price of rubber covered wires. The advances given below are to be added to the base price of weatherproof wire, f. o. b. factory.

SOLID WEATHERPROOF WIRE.

For convenience of trade, we stock these wires. Customers who utilize this convenience are charged from ½ to 3 cents extra, per pound, according to quantity ordered.

	W. P. Triple Braid.	W. P. Double Braid.	W. P. Single Braid.	S. B. W. P. or F. and W.	Slow Burning New Code.
0000-8 B. & S. G.	Base	$0.01	$0.01½	$0.00½	$0.00½
10	$0.01	.02	.02½	.01½	.01½
12	.02	.03	.03½	.02½	.02½
14	.03	.04	.04½	.03½	.03½
16	.04	.05	.05½	.04½	.04½
18	.05	.06	.06½	.05½	.05½
20	.06	.07	.07½	.06½	.06½

Triple braid weatherproof is sent on all orders unless otherwise specified.

Twisted pairs are 1 cent advance over the price of the two wires of which they are composed.

STRANDED W. P., S. B. W. P. AND S. B. WIRES.

To the above net prices of solid wires add the following advances for stranded wire. When composed of—

No. 10 and coarser, add	$0.00¼	No. 17 and 18, add	.02
No. 11 and 12, add	.00½	No. 19 and 20, add	.03
No. 13 and 14, add	.01	No. 21 and 22, add	.05
No. 15 and 16, add	.01½	No. 23 and 24, add	.07

TABLE OF STRANDED SIZES.

Size.	No. Wires.	Advance Over Solid, Lb.	Size.	No. Wires.	Advance Over Solid, Lb.
1000000	61x.128	$0.00¼	0000	19x.105	$0.00¼
900000	61x.121	.00¼	000	19x.094	.00½
800000	61x.114	.00¼	000	12x.118	.00¼
750000	61x.110	.00¼	00	19x.083	.00½
700000	61x.107	.00¼	00	12x.105	.00¼
650000	61x.103	.00¼	0	19x.074	.01
600000	61x.099	.00¼	0	12x.094	.00½
500000	37x.116	.00¼	0	7x.123	.00¼
450000	37x.110	.00¼	1	7x.109	.00¼
400000	37x.104	.00¼	2	7x.098	.00¼
350000	37x.097	.00½	4	7x.077	.01
350000	27x.114	.00¼	6	7x.064	.01
300000	37x.090	.00½	8	7x.050	.01½
300000	27x.105	.00¼	10	7x.040	.02
250000	37x.082	.00½	12	7x.030	.05
250000	19x.115	.00¼	14	7x.024	.07

On the basis of the size of wire most generally used in stranding, this advance will be as follows:

For No. 6	W. P. Wire, stranded, of 7-.064 wires add to the price of solid per lb.	.01
For No. 4	W. P. Wire, stranded, of 7-.077 wires add to the price of solid per lb.	.01
For No. 3	W. P. Wire, stranded, of 7-.087 wires add to the price of solid per lb.	.00½
For No. 2	W. P. Wire, stranded, of 7-.098 wires add to the price of solid per lb.	.00¼
For No. 1	W. P. Wire, stranded, of 7-.109 wires add to the price of solid per lb.	.00¼
For No. 0	W. P. Wire, stranded, of 7-.123 wires add to the price of solid per lb.	.00¼
For No. 00	W. P. Wire, stranded, of 12-.105 wires add to the price of solid per lb.	.00¼
For No. 000	W. P. Wire, stranded, of 12-.118 wires add to the price of solid per lb.	.00¼
For No. 0000	W. P. Wire, stranded, of 19-.105 wires add to the price of solid per lb.	.00¼
For larger sizes of stranded W. P. Wire, add to the price of solid per lb		.00¼

FOR BARE COPPER WIRE.

B. & S. Gauge.	Extra Over Base.	Tinning, Extra.	B. & S. Gauge.	Extra Over Base.	Tinning, Extra.
0000- 8	Base	$0.00¾	17	.01	.01
9-10	$0.00⅛	.00¾	18	.01	.01¼
11-12	.00¼	.00¾	19	.01¼	.01¼
13-14	.00½	.01	20	.01¼	.01¼
15-16	.00¾	.01			

Trolley Wire Grooved and Fig 8, $0.00¼ Extra Over Base. Hard and Soft Drawn Wire Take the Same Prices.

RUBBER COVERED WIRE.

Black Core.

Single and Double Braid.

SOLID CONDUCTORS.

"Parac" black core rubber covered wires are made according to the specifications of the National Board of Fire Underwriters, and each coil is tested and stamped by the Wire Inspection Bureau before leaving the factory. The conductors are thoroughly tinned and are covered with two thicknesses of high grade rubber compound, which is thoroughly vulcanized. The wires are braided with a standard cotton yarn, the braids being thoroughly saturated with a pure wax compound, having a high melting point, and are smoothly and evenly finished. The smooth, hard finish given these wires enables them to be handled readily and makes them especially desirable for conduit work. The single braided wires are also finished with a white fireproof compound, similar to that used in the finish of Ideal Wires.

Code Word.		Size B. & S. Gauge.	Diam. Conductor, Mils.	Capacity Circular Mils.	Rubber Wall in Inches.	Single Braid.		Double Braid.	
Single Braid.	Double Braid.					Diam. Over All.	Wt. per 1000 Ft.	Diam. Over All.	Wt. per 1000 Ft.
Zacevos	Zacevup	0000	460	211600	5/64	47/64	809	55/64	832
Zacevot	Zacevur	000	410	167803	5/64	11/16	666	13/16	690
Zacevov	Zacevus	00	365	133079	5/64	5/8	546	47/64	568
Zacevow	Zacevut	0	325	105534	5/64	19/32	453	45/64	476
Zacevox	Zacevuv	1	289	83695	5/64	33/64	355	5/8	376
Zacevoy	Zacevuw	2	258	66373	1/16	29/64	277	9/16	297
Zacevoz	Zacevux	3	230	52634	1/16	27/64	227	17/32	245
Zacevu	Zacevuy	4	204	41743	1/16	13/32	187	1/2	204
Zacevub	Zacevuz	5	182	33102	1/16	3/8	158	15/32	174
Zacevuc	Zacewa	6	162	26250	1/16	23/64	132	7/16	147
Zacevud	Zacewab	8	129	16510	3/64	19/64	85	3/8	95
Zacevuf	Zacewac	10	102	10382	3/64	1/4	60	21/64	68
Zacevug	Zacewad	12	81	6530	3/64	15/64	44	19/64	50
Zacevuh	Zacewaf	14	64	4107	3/64	7/32	34	9/32	40
Zacevuk	Zacewag	16	51	2583	1/32	3/16	20	.....	.....
Zacevul	Zacewah	18	40	1624	1/32	11/64	16	.....	.....
Zacevum	Zacewak	19	36	1288	1/32	5/32	15	.....	.....
Zacevun	Zacewal	20	32	1022	1/32	9/64	14	.....	.....

Lowest Market Prices Quoted on Application.

RUBBER COVERED WIRE.

Single and Double Braid.

STRANDED CONDUCTOR.

Code Word. Single Braid.	Code Word. Double Braid.	Capacity Circular Mils.	Concentric Strands. Number Wires.	Concentric Strands. Diam Each.	Rubber Wall. Inches.	Single Braid. Diam. Over All.	Single Braid. Wt. of 1000 Ft.	Double Braid. Over All. Diam.	Double Braid. 1000 Ft. Wt. of
Zacewam	Zacewic	1500000	61	.157	1/8	1 51/64	5539	1 15/16	5658
Zacewan	Zacewid	1250000	61	.142	1/8	1 43/64	4678	1 13/16	4783
Zacewap	Zacewif	1000000	61	.128	7/64	1 1/2	3754	1 5/8	3849
Zacewar	Zacewig	900000	61	.121	7/64	1 7/16	3404	1 9/16	3491
Zacewas	Zacewih	800000	61	.114	7/64	1 3/8	3058	1 1/2	3138
Zacewat	Zacewik	750000	61	.111	7/64	1 1/32	2881	1 15/32	2956
Zacewav	Zacewil	700000	61	.107	7/64	1 5/16	2709	1 7/16	2880
Zacewaw	Zacewim	650000	61	.103	7/64	1 51/64	2534	1 25-64	2600
Zacewax	Zacewin	600000	61	.099	7/64	1 1/4	2355	1 3/8	2418
Zaceway	Zacewip	550000	61	.095	7/64	1 13/64	2182	1 21/64	2240
Zacewaz	Zacewir	500000	61	.091	3/32	1 1/8	1959	1 1/4	2010
Zacewe	Zacewis	450000	37	.110	3/32	1 3/32	1791	1 7/32	1840
Zacewеb	Zacewit	400000	37	.104	3/32	1 3/64	1608	1 11/64	1650
Zacewec	Zacewiv	350000	37	.097	3/32	1	1431	1 1/8	1468
Zacewed	Zacewiw	300000	37	.090	3/32	15/16	1250	1 1/16	1285
Zacewef	Zacewix	250000	37	.082	3/32	7/8	1071	1	1103
Zaceweg	Zacewiy	0000 B.&S.	19	.105	5/64	13/16	899	15/16	942
Zaceweh	Zacewiz	000 B.&S.	19	.094	5/64	3/4	740	7/8	782
Zacewek	Zacewo	00 B.&S.	19	.083	5/64	45/64	607	15/16	647
Zacewel	Zacewob	0 B.&S.	19	.074	5/64	5/8	492	47/64	526
Zacewem	Zacewoc	1 B.&S.	19	.066	5/64	9/16	387	43/64	417
Zacewen	Zacewod	2 B.&S.	19	.059	1/16	1/2	303	39/64	329
Zacewep	Zacewof	3 B.&S.	7	.086	1/16	29/64	249	9/16	272
Zacewer	Zacewog	4 B.&S.	7	.077	1/16	7/16	207	17/32	227
Zacewes	Zacewoh	5 B.&S.	7	.068	1/16	13/32	173	1/2	192
Zacewet	Zacewok	6 B.&S.	7	.061	1/16	3/8	147	29/64	164
Zacewev	Zacewol	8 B.&S.	7	.048	3/64	21/64	93	13/32	105
Zacewew	Zacewom	10 B.&S.	7	.039	3/64	19/64	64	3/8	72
Zacewex	Zacewon	12 B.&S.	7	.031	3/64	17/64	48	21/64	55
Zacewey	Zacewop	14 B.&S.	7	.024	3/64	15/64	36	19/64	41
Zacewez	Zacewor	16 B.&S.	7	.019	1/32	7/32	29	.....	.....
Zacewi	Zacewos	18 B.&S.	7	.015	1/32	13/64	23	.....	.....
Zacewib	Zacewot	20 B.&S.	7	.012	1/32	3/16	21	.....	.....

Lowest Market Prices Quoted on Application.

RUBBER COVERED WIRE.

DUPLEX.

SOLID AND STRANDED CONDUCTORS.

These wires have an extra braid overall which is thoroughly saturated with a wax compound that gives it a hard, smooth finish, enabling it to be pulled readily into conduits. The sizes shown in the tables below are those in general demand, but any size of wire can be duplexed when so ordered.

SOLID CONDUCTOR.

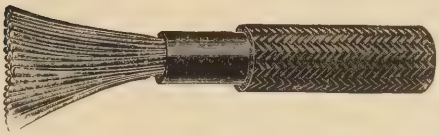
Code Word.	Size B. & S. Gauge.	Capacity Circular Mils.	Thickness Rubber Wall.	Diameter Over All.	Wgt. per 1000 Ft.
Zacibom	8	16,510	3/64	11/16	188
Zacibon	10	10,382	3/64	37/64	134
Zacibop	12	6,530	3/64	17/32	96
Zacibor	14	4,107	3/64	1/2	80

STRANDED CONDUCTOR.

	Size B. & S. Gauge.	Capacity Circular Mils.	Thickness Rubber Wall.	Concentric Strands. No. Wires.	Concentric Strands. Diam. Each.	Diameter Over All.	Wgt. per 1000 Ft.
Zacibos	1	83,695	5/64	19	.066	1 1/4	825
Zacibot	2	66,373	1/16	19	.059	1 1/8	650
Zacibov	3	52,634	1/16	7	.086	1 1/32	540
Zacibow	4	41,743	1/16	7	.077	31/32	450
Zacibox	5	33,102	1/16	7	.068	29/32	375
Zaciboy	6	26,250	1/16	7	.061	53/64	320
Zaciboz	8	16,510	3/64	7	.048	3/4	205
Zacibu	10	10,382	3/64	7	.039	43/64	150
Zacibub	12	6,530	3/64	7	.031	19/32	110
Zacibuc	14	4,107	3/64	7	.024	17/32	85

RUBBER COVERED WIRE.

FLEXIBLE SWITCHBOARD CABLES.



These flexible cables are especially designed for switchboard dynamo and motor connections. They are covered with a high grade rubber compound, according to the requirements of the National Electrical Code. They are regularly furnished with a single braid, but can be double braided if so ordered.

Code Word.	Capacity Equal to	Conductor. No. Wires.	Conductor. Size.	Approx. Pounds per 1,000 Ft.	Rubber Wall, Inches.	Diam. Over Braid, Inches.
Zacewov	4-0 B. & S.	166	19 B. & S.	790	5/64	55/64
Zacewow	3-0 B. & S.	131	19 B. & S.	655	5/64	51/64
Zacewox	2-0 B. & S.	104	19 B. & S.	540	5/64	47/64
Zacewoy	1-0 B. & S.	83	19 B. & S.	443	5/64	43/64
Zacewoz	1 B. & S.	131	22 B. & S.	365	5/64	5/8
Zacewu	2 B. & S.	104	22 B. & S.	275	1/16	35/64
Zacewub	3 B. & S.	82	22 B. & S.	225	1/16	1/2
Zacewuc	4 B. & S.	65	22 B. & S.	193	1/16	15/32
Zacewud	5 B. & S.	52	22 B. & S.	158	1/16	27/64
Zacewuf	6 B. & S.	82	25 B. & S.	140	1/16	25/64
Zacewug	8 B. & S.	52	25 B. & S.	85	3/64	17/32
Zacewuh	10 B. & S.	33	25 B. & S.	45	3/64	5/16
Zacewuk	12 B. & S.	21	25 B. & S.	35	3/64	9/32

FIXTURE WIRES.

N. E. CODE STANDARD.

	Size, B. & S.	Rubber Wall.	Diam. Over All.	Wgt. 1,000 Ft.
Zacewul	12	3/64	7/32	40
Zacewum	14	3/64	3/16	31
Zacewun	16	1/32	11/64	19
Zacewup	18	1/32	5/32	15

LIGHT INSULATION.

Zacewur	14	1/32	5/32	22
Zacewus	16	1/64	9/64	15
Zacewut	18	1/64	1/8	12
Zacewuv	20	1/64	7/64	10

Lowest Market Prices Quoted on Application.

RUBBER COVERED WIRE.

NATIONAL ELECTRICAL CODE STANDARD FOR 600 VOLTS, OR LESS.

SOLID CONDUCTORS.

Price per 1000 Feet. Single Braid.

BASE.

Size B.&S.	11c.	12c.	13c.	14c.	15c.	16c.	17c.	18c.	19c.	20c.	21c.	Add for Double Braid.
0000	$371.00	$385.00	$398.00	$411.00	$425.00	$438.00	$451.00	$465.00	$478.00	$491.00	$505.00	*
000	312.00	323.00	334.00	344.00	355.00	365.00	376.00	387.00	397.00	408.00	418.00	*
00	261.00	270.00	278.00	287.00	295.00	303.00	312.00	320.00	329.00	337.00	345.00	*
0	187.00	194.00	200.00	207.00	213.00	219.00	226.00	232.00	239.00	245.00	251.00	*
1	147.00	152.00	158.00	163.00	168.00	173.00	178.00	183.00	188.00	193.00	198.00	$17.00
2	109.00	113.00	117.00	122.00	126.00	130.00	134.00	138.00	142.00	146.00	150.00	13.00
3	91.00	94.50	98.00	101.00	104.00	107.00	110.00	114.00	117.00	120.00	123.00	12.00
4	75.80	78.30	80.80	83.40	85.80	88.40	91.00	93.40	96.00	98.50	101.00	11.00
5	65.40	67.40	69.40	71.40	73.40	75.40	77.40	79.40	81.40	83.40	85.40	10.00
6	55.80	57.40	59.00	60.50	62.10	63.70	65.30	66.90	68.40	70.00	71.60	9.00
8	35.60	36.60	37.60	38.60	39.60	40.60	41.60	42.60	43.60	44.60	45.60	8.00
9	31.00	31.80	32.60	33.40	34.20	34.90	35.70	36.50	37.30	38.00	38.80	7.50
10	26.60	27.30	27.90	28.50	29.20	29.80	30.40	31.10	31.70	32.40	33.00	7.00
12	20.40	20.80	21.20	21.60	22.00	22.40	22.80	23.20	23.60	24.00	24.40	6.00
14	16.30	16.60	16.80	17.00	15.90	17.50	17.80	18.00	18.30	18.50	18.80	5.00

*No Extra.

A tape and braid takes the same price as double braid.

A tape and two braids takes the same price as triple braid.

Wires No. 0 and larger, or having 3/32 inch or thicker insulation, are finished with a tape and a braid; all others are finished with a braid only.

DUPLEX WIRE.

	11c.	12c.	13c.	14c.	15c.	16c.	17c.	18c.	19c.	20c.	21c.
8.....	86.20	88.20	90.20	92.20	94.20	96.20	98.20	100.20	102.20	104.20	106.20
10.....	66.00	67.40	68.60	69.80	71.20	72.40	73.60	75.00	76.20	77.60	78.80
12.....	51.30	52.10	52.90	53.70	54.50	55.30	56.10	56.90	57.70	58.50	59.30
14.....	41.10	41.70	42.10	42.50	41.80	43.50	44.10	44.50	45.10	45.50	46.10

FIXTURE WIRE. SOLID. LIGHT INSULATION.

	11c.	12c.	13c.	14c.	15c.	16c.	17c.	18c.	19c.	20c.	21c.
14.....	13.30	13.60	13.80	14.00	14.30	14.50	14.80	15.00	15.30	15.50	15.80
16.....	11.70	11.90	12.00	12.20	12.30	12.50	12.70	12.80	13.00	13.10	13.30
18.....	9.50	9.60	9.70	9.80	9.90	10.00	10.10	10.20	10.30	10.40	10.50
19.....	9.10	9.20	9.30	9.30	9.40	9.50	9.60	9.70	9.70	9.80	9.90
20.....	8.70	8.80	8.80	8.90	9.00	9.00	9.10	9.10	9.20	9.30	9.30
22.....	7.80	7.90	7.90	7.90	8.00	8.00	8.00	8.10	8.10	8.10	8.20

SOLID. HEAVY INSULATION.

	11c.	12c.	13c.	14c.	15c.	16c.	17c.	18c.	19c.	20c.	21c.	Add for Double Braid.
14.....	16.30	16.60	16.80	17.00	17.30	17.50	17.80	18.00	18.30	18.50	18.80	5.00
16.....	13.20	13.40	13.50	13.70	13.80	14.00	14.20	14.30	14.50	14.60	14.80	4.00
18.....	11.50	11.60	11.70	11.80	11.90	12.00	12.10	12.20	12.30	12.40	12.50	3.80
19.....	10.60	10.70	10.80	10.80	10.90	11.00	11.10	11.20	11.20	11.30	11.40	3.60
20.....	9.70	9.80	9.80	9.90	10.00	10.00	10.10	10.10	10.20	10.30	10.30	3.40
22.....	8.80	8.90	8.90	8.90	9.00	9.00	9.00	9.10	9.10	9.10	9.20	3.20

STRANDED. LIGHT INSULATION.

	11c.	12c.	13c.	14c.	15c.	16c.	17c.	18c.	19c.	20c.	21c.
14.....	18.20	18.50	18.70	19.00	19.20	19.50	19.80	20.00	20.20	20.60	20.80
16.....	15.70	15.90	16.10	16.20	16.40	16.50	16.70	16.90	17.00	17.20	17.30
18.....	13.00	13.10	13.20	13.30	13.40	13.50	13.60	13.70	13.80	13.90	14.00
19.....	12.10	12.20	12.30	12.40	12.40	12.50	12.60	12.70	12.80	12.80	12.90
20.....	11.10	11.20	11.30	11.30	11.40	11.50	11.50	11.60	11.60	11.70	11.80
22.....	10.30	10.40	10.40	10.50	10.50	10.50	10.60	10.60	10.70	10.70	10.70

The rubber and the braid are each 1/64 inch thick.

STRANDED. HEAVY INSULATION.

	11c.	12c.	13c.	14c.	15c.	16c.	17c.	18c.	19c.	20c.	21c.	Add for Double Braid.
14.....	20.40	20.70	20.90	21.20	21.40	21.70	22.00	22.20	22.40	22.80	23.00	5.00
16.....	17.70	17.90	18.10	18.20	18.40	18.50	18.70	18.90	19.00	19.20	19.30	4.00
18.....	15.00	15.10	15.20	15.30	15.40	15.50	15.60	15.70	15.80	15.90	16.00	3.80
19.....	13.60	13.70	13.80	13.90	13.90	14.00	14.10	14.20	14.30	14.30	14.40	3.60
20.....	12.10	12.20	12.30	12.30	12.40	12.50	12.50	12.60	12.60	12.70	12.80	3.40
22.....	11.30	11.40	11.40	11.50	11.50	11.50	11.60	11.60	11.70	11.70	11.70	3.20

A tape and braid takes the same price as double braid.

A tape and two braids takes the same price as triple braid.

RUBBER COVERED WIRE.

NATIONAL ELECTRICAL CODE STANDARD FOR 600 VOLTS, OR LESS.

STRANDED CONDUCTORS.

Price per 1000 Feet. Single Braid.

Size B.&S.	BASE. 11c.	12c.	13c.	14c.	15c.	16c.	17c.	18c.	19c.	20c.	21c.	Add for Double Braid.
0000	$371.00	$385.00	$398.00	$411.00	$425.00	$438.00	$451.00	$465.00	$478.00	$491.00	$505.00	*
000	312.00	323.00	334.00	344.00	355.00	365.00	376.00	387.00	397.00	408.00	418.00	*
00	261.00	270.00	278.00	287.00	295.00	303.00	312.00	320.00	329.00	337.00	345.00	*
0	220.00	227.00	234.00	240.00	247.00	254.00	260.00	267.00	274.00	280.00	287.00	*
1	170.00	176.00	181.00	186.00	191.00	197.00	202.00	207.00	212.00	218.00	223.00	$17.00
2	126.00	131.00	135.00	139.00	143.00	147.00	152.00	156.00	160.00	164.00	168.00	13.00
3	106.00	110.00	113.00	116.00	120.00	123.00	126.00	129.00	133.00	136.00	139.00	12.00
4	91.10	93.70	96.40	99.10	101.60	104.20	106.80	109.50	112.10	114.70	117.30	11.00
5	77.60	79.70	81.80	83.90	85.90	88.00	90.10	92.20	94.30	96.30	98.40	10.00
6	67.60	69.30	71.00	72.70	74.30	76.00	77.60	79.40	81.10	82.70	84.40	9.00
8	44.20	45.20	46.30	47.30	48.40	49.40	50.50	51.50	52.50	53.60	54.60	8.00
9	38.20	39.00	39.80	40.70	41.50	42.30	43.20	43.90	44.80	45.60	46.40	7.50
10	32.70	33.40	34.00	34.70	35.30	36.00	36.70	37.30	38.00	38.70	39.30	7.00
12	25.60	26.00	26.40	26.90	27.30	27.70	28.10	28.60	29.00	29.40	29.80	6.00
14	20.40	20.70	20.90	21.20	21.40	21.70	22.00	22.20	22.40	22.80	23.00	5.00

*No Extra.

A tape and braid takes the same price as double braid.

A tape and two braids takes the same price as triple braid.

Wires No. 0 and larger, or having 3/32 inch or thicker insulation, are finished with a tape and a braid; all others are finished with a braid only.

C. M.	11c.	12c.	13c.	14c.	15c.	16c.
2,000,000	$2,714.00	$2.840.00	$2.966.00	$3.092.00	$3,218.00	$3,344.00
1,750,000	2,402.00	2,512.00	2,623.00	2,733.00	2,843.00	2,953.00
1,500,000	2,095.00	1,190.00	2,284.00	2,379.00	2,473.00	2,568.00
1,250,000	1,806.00	1,885.00	1,964.00	2,042.00	2,121.00	2,200.00
1,000,000	1,450.00	1,513.00	1,576.00	1,639.00	1,702.00	1,765.00
950,000	1,387.00	1,447.00	1,507.00	1,567.00	1,626.00	1,686.00
900,000	1,322.00	1,379.00	1.435.00	1,492.00	1,549.00	1,606.00
850,000	1,260.00	1,314.00	1,367.00	1,421.00	1,474.00	1,528.00
800,000	1,195.00	1,245.00	1,296.00	1,346.00	1,397.00	1,447.00
750,000	1,129.00	1,176.00	1,224.00	1,271.00	1,318.00	1,365.00
700,000	1,066.00	1,110.00	1,154.00	1,198.00	1,242.00	1,287.00
650,000	1,001.00	1,042.00	1,083.00	1,124.00	1,165.00	1,206.00
600,000	940.00	978.00	1,016.00	1,053.00	1,091.00	1,129.00
550,000	876.00	911.00	945.00	980.00	1,015.00	1,049.00
500,000	787.00	819.00	850.00	882.00	913.00	945.00
450,000	718.00	746.00	775.00	803.00	831.00	860.00
400,000	651.00	676.00	701.00	727.00	752.00	777.00
350,000	583.00	605.00	627.00	649.00	671.00	693.00
300,000	516.00	535.00	554.00	573.00	592.00	611.00
250,000	448.00	464.00	480.00	495.00	511.00	527.00
225,000	417.00	431.00	445.00	459.00	474.00	488.00

C. M.	17c.	18c.	19c.	20c.	21c.	Add for Each Ex. Braid.
2,000,000	3,470.00	3,596.00	3,722.00	3,848.00	3,974.00	69.00
1,750,000	3,064.00	3,174.00	3,284.00	3,394.00	3,505.00	66.00
1,500,000	2,662.00	2,757.00	2,851.00	2,946.00	3,040.00	62.00
1,250,000	2,279.00	2,357.00	2,436.00	2,515.00	2,594.00	58.00
1,000,000	1,828.00	1,891.00	1,954.00	2,017.00	2,080.00	52.00
950,000	1,746.00	1,806.00	1,866.00	1,926.00	1,986.00	51.00
900,000	1,662.00	1,719.00	1,776.00	1,832.00	1,889.00	50.00
850,000	1,581.00	1,635.00	1,688.00	1,742.00	1,796.00	49.00
800,000	1,497.00	1,548.00	1,598.00	1,649.00	1,699.00	48.00
750,000	1,413.00	1,460.00	1,507.00	1,554.00	1,602.00	47.00
700,000	1,331.00	1,375.00	1,419.00	1,463.00	1,507.00	46.00
650,000	1,247.00	1,288.00	1,329.00	1,370.00	1,411.00	45.00
600,000	1,167.00	1,205.00	1,242.00	1,280.00	1,318.00	44.00
550,000	1,084.00	1,119.00	1,153.00	1,188.00	1,223.00	43.00
500,000	976.00	1,008.00	1,039.00	1,071.00	1,102.00	40.00
450,000	888.00	917.00	945.00	973.00	1,002.00	38.00
400,000	802.00	827.00	853.00	878.00	903.00	36.00
350,000	715.00	737.00	759.00	782.00	804.00	34.00
300,000	629.00	648.00	667.00	686.00	705.00	32.00
250,000	543.00	558.00	574.00	590.00	606.00	30.00
225,000	502.00	516.00	530.00	544.00	559.00	28.00

A tape and braid takes the same price as double braid.

A tape and two braids takes the same price as triple braid.

SPECIAL RUBBER INSULATED CABLES

LIST PRICES PER 1000 FEET.

BREWERY CORD.

Brewery Cord consists of two conductors stranded, rubber insulated, braided, and the two twisted together.

Size B & S.	11c	12c	13c	14c	15c	16c	17c	18c	19c
10	$75.20	$76.80	$78.20	$79.80	$81.20	$82.80	$84.40	$85.80	$87.40
12	58.90	59.80	60.70	61.90	62.80	63.70	64.60	65.80	66.70
14	46.90	47.60	48.10	48.80	49.20	49.90	50.60	51.10	51.50
16	40.70	41.20	41.60	41.90	42.30	42.60	43.00	43.50	43.70
18	34.50	34.70	35.00	35.20	35.40	35.70	35.90	36.10	36.30

	20c	21c	23c	24c	25c	26c	27c	28c	29c	30c
10	$89.00	$90.40	$95.00	$96.40	$98.00	$99.60	$101.00	$102.40	$104.20	$105.60
12	67.60	68.50	71.50	72.50	73.40	74.30	75.40	76.40	77.30	78.20
14	52.40	52.90	54.70	55.20	55.90	56.60	57.00	57.50	58.40	58.90
16	44.20	44.40	45.50	46.00	46.20	46.70	47.20	47.40	47.80	48.10
81	36.60	36.80	37.50	37.70	38.00	38.20	38.40	38.60	38.90	39.10

CANVASITE CORD.

Canvasite Cord consists of two conductors stranded, rubber insulated, braided, twisted together and finished with a weatherproof braid.

Size B & S.	11c	12c	13c	14c	15c	16c	17c	18c	19c
10	$99.30	$101.00	$102.50	$104.30	$105.80	$107.50	$109.30	$110.80	$112.50
12	79.00	80.00	81.00	82.30	83.30	84.30	85.30	86.50	87.50
14	63.50	64.30	64.80	65.50	66.00	66.80	67.50	68.00	68.50
16	54.30	54.80	55.30	55.50	56.00	56.30	56.80	57.30	57.50
18	47.00	47.30	47.50	47.80	48.00	48.30	48.50	48.80	49.00

	20c	21c	23c	24c	25c	26c	27c	28c	29c	30c
10	$114.30	$115.80	$120.80	$122.30	$124.00	$125.80	$127.30	$129.00	$130.80	$132.30
12	88.50	89.50	92.80	93.75	94.80	95.80	97.00	98.00	99.00	100.00
14	69.50	70.00	72.00	72.50	73.30	74.00	74.50	75.00	76.00	76 50
16	58.00	58.30	59.50	60.00	60.30	60.80	61.30	61.50	62.00	62.30
18	49.30	49.50	50.30	50.80	50.80	51.00	51.30	51.50	51.75	52.00

PACKING HOUSE CORD.

Packing House Cord consists of two conductors stranded, rubber insulated, twisted together with jute filler and finished with a belt of rubber and a weatherproof braid.

Size B & S.	11c	12c	13c	14c	15c	16c	17c	18c	19c
10	$116.75	$118.50	$120.00	$121.80	$123.30	$125.00	$126.80	$128.30	$130.00
12	94.00	95.00	96.00	97.30	98.30	99.30	100.30	101.50	102.50
14	76.00	76.80	77.30	78.00	78.50	79.30	80.00	80.50	81.00
16	64.30	64.80	64.30	65.50	66.00	66.30	66.80	67.30	67.50
18	56.50	56.80	57.00	57.30	57.50	57.80	58.00	58.30	58.50

	20c	21c	23c	24c	25c	26c	27c	28c	29c	30c
10	$131.80	$133.30	$138.30	$139.80	$141.50	$143.25	$144.80	$146.50	$148 30	$149.80
12	103.50	104.50	107.80	108.80	109.80	110.80	112.00	113.00	114.00	115.00
14	82.00	82.50	84.50	85.00	85.80	86.50	87.00	87.50	88.50	89.00
16	68.00	68.30	69.50	70.50	70.30	70.80	71.30	71.50	72.00	72.30
18	58.80	59.00	59.80	60.30	60.30	60.50	60.80	61.00	61.30	61.50

ELEVATOR LIGHTING CABLES.

Elevator Lighting Cable consists of two conductors B. & S. rubber insulated, laid up with two steel supporting strands, cushioned with cotton. For short cables the steel strands are omitted.

Size B & S.	11c	12c	13c	14c	15c	16c	17c	18c	19c
14	$142.20	$143.90	$145.00	$146.70	$147.80	$149.50	$151.20	$152.30	$153.40

	20c	21c	23c	24c	25c	26c	27c	28c	29c	30c
14	$155.70	$156.80	$161.30	$162.40	$164.10	$165.80	$166.90	$168.00	$170.20	$171.40

SPECIAL RUBBER INSULATED CABLES

DECK CABLES.

Deck Cable consists of two conductors stranded, rubber insulated, braided, twisted together with jute filler, and finished with a belt of rubber and a weatherproof braid.

Size B & S.	11c	12c	13c	14c	15c	16c	17c	18c	19c
10	$146.90	$149.50	$151.70	$154.30	$156.50	$159.10	$161.70	$163.90	$166.50
12	116.90	118.40	119.90	121.70	123.20	124.70	126.20	128.00	129.50
14	94.00	95.10	95.80	96.90	97.70	98.80	99.90	100.60	101.40
16	80.30	81.00	81.80	82.10	82.90	83.30	84.00	84.70	85.10
18	69.60	69.90	70.30	70.70	71.00	71.40	71.80	72.20	72.50

	20c	21c	23c	24c	25c	26c	27c	28c	29c	30c
10	$169.10	$171.30	$178.70	$180.90	$183.50	$186.10	$188.30	$190.90	$193.50	$195.70
12	131.00	132.50	137.30	138.80	140.20	141.70	143.60	145.00	146.50	148.00
14	102.90	103.60	106.60	107.30	108.40	109.50	110.30	111.00	112.50	113.20
16	85.80	86.20	88.10	89.50	89.20	89.90	90.70	91.00	91.80	92.10
18	72.90	73.30	74.40	75.10	75.10	75.50	75.90	76.20	76.60	77.00

THEATRE OR STAGE CABLES.

Theatre or Stage Cable consists of two conductors flexible cotton wrapped, rubber insulated, braided, twisted together with jute filler, and finished with two weatherproof braids.

Size B & S.	11c	12c	13c	14c	15c	16c	17c	18c	19c
2	$380.00	$393.00	$403.00	$413.00	$423.00	$433.00	$445.00	$455.00	$465.00
3	325.00	335.00	343.00	350.00	360.00	368.00	375.00	383.00	393.00
4	282.80	289.30	296.00	302.80	309.00	315.50	322.00	328.80	335.30
5	244.00	249.30	254.50	259.80	264.80	270.00	275.30	280.50	285.80
6	214.00	218.30	222.50	226.80	230.80	235.00	239.00	243.50	247.80
8	150.50	153.00	155.80	158.30	161.00	163.50	166.30	168.80	171.30
10	116.80	118.50	120.00	121.80	123.30	125.00	126.80	128.30	130.00
12	94.00	95.00	96.00	97.30	98.30	99.30	100.30	101.50	102.50
14	76.00	76.80	77.30	78.00	78.50	79.30	80.00	80.50	81.00

	20c	21c	23c	24c	25c	26c	27c	28c	29c	30c
2	$475.00	$485.00	$517.50	$527.50	$537.50	$550.00	$560.00	$570.00	$580.00	$590.00
3	400.00	407.50	432.50	442.50	450.00	457.50	465.00	475.00	482.50	490.00
4	341.80	348.30	368.30	374.50	381.00	392.50	394.30	400.80	407.30	413.80
5	290.80	296.00	311.80	316.80	322.00	327.30	332.50	337.80	342.80	348.00
6	251.80	256.00	268.80	272.80	277.00	281.00	285.50	289.80	293.80	303.00
8	174.00	176.50	184.30	187.00	189.50	192.30	194.80	197.30	200.00	202.50
10	131.80	133.30	138.30	139.80	141.50	143.30	144.80	146.50	148.30	149.80
12	103.50	104.50	107.80	108.80	109.80	110.80	112.80	113.00	114.00	115.00
14	82.00	82.50	84.50	85.00	85.80	86.50	87.00	87.50	88.50	89.00

BORDER LIGHT CABLES.

Border Light Cable is exactly the same as Stage or Theatre Cable, but consists of more than two conductors.

Size B & S.	11c	12c	13c	14c	15c	16c	17c	18c	19c
12-3 Cond.	$141.00	$142.50	$144.00	$145.90	$147.40	$148.90	$150.40	$152.30	$153.80
12-4 Cond.	188.00	190.00	192.00	194.50	196.50	198.50	200.50	203.00	205.00
12-5 Cond.	235.00	237.50	240.00	243.10	245.60	248.10	250.60	253.80	256.30
12-6 Cond.	282.00	285.00	288.00	291.80	294.80	297.80	300.80	304.50	307.50
14-3 Cond.	114.00	115.10	115.90	117.00	117.80	118.90	120.00	120.80	121.50
14-4 Cond.	152.00	153.50	154.50	156.00	157.00	158.50	160.00	161.00	162.00
14-5 Cond.	190.00	191.90	193.10	195.00	196.30	198.10	200.00	201.30	202.50
14-6 Cond.	228.00	230.30	231.80	234.00	235.50	237.80	240.00	241.50	243.00

	20c	21c	23c	24c	25c	26c	27c	28c	29c	30c
12-3 Cond.	$155.30	$156.80	$161.60	$163.10	$164.60	$166.10	$168.00	$169.50	$171.00	$172.50
12-4 Cond.	207.00	209.00	215.50	217.50	219.50	221.50	224.00	226.00	228.00	230.00
12-5 Cond.	258.80	261.30	269.40	271.90	274.40	276.90	280.00	282.50	285.00	287.50
12-6 Cond.	310.50	313.50	323.30	326.30	329.30	332.30	336.00	339.00	342.00	345.00
14-3 Cond.	123.00	123.80	126.80	127.50	128.60	129.80	130.50	130.80	132.80	133.50
14-4 Cond.	164.00	165.00	169.00	170.00	171.50	173.00	174.00	175.00	177.00	178.00
14-5 Cond.	205.00	206.30	211.30	212.50	214.40	216.30	217.50	218.80	221.30	222.50
14-6 Cond.	246.00	247.50	253.50	265.00	257.30	259.50	261.00	262.50	265.50	267.00

RUBBER COVERED WIRE

BRAID TABLE—RUBBER-COVERED WIRE.

Add the Following per 1000 Feet to List Prices. Code Insulation, for Each Extra Braid.

C. M.	Advance	C. M.	Advance	No. B. & S.	Advance	No. B. & S.	Advance
2,000,000	$69.00	600,000	$44.00	0000	$25.00	10	$7.00
1,750,000	66.00	550,000	43.00	000	23.00	12	6.00
1,500,000	62.00	500,000	40.00	00	21.00	14	5.00
1,250,000	58.00	450,000	38.00	0	19.00	16	4.00
1,000,000	52.00	400,000	36.00	1	17.00	18	3.80
950,000	51.00	350,000	34.00	2	13.00	19	3.60
900,000	50.00	300,000	32.00	3	12.00	20	3.40
850,000	49.00	250,000	30.00	4	11.00	22	3.20
800,000	48.00	225,000	28.00	5	10.00	..	....
750,000	47.00	.....	....	6	9.00	..	....
700,000	46.00	.....	....	8	8.00	..	....
650,000	45.00	.....	....	9	7.50	..	....

TELEPHONE WIRES.
TWISTED PAIRS.
Dollars per 1000 Feet.
NO TEST.
BASE.

No. B. & S.	Diam. Over Rubber	11c	12c	13c	14c	15c	16c	17	18c	19c	20c	21c
14	11/64 in.	$37.00	$37.60	$38.00	$38.40	$39.00	$39.40	$40.00	$40.40	$41.00	$41.40	$42.00
14	5/32 in.	32.80	33.40	33.80	34.20	34.80	35.20	35.80	36.20	36.80	37.20	37.80
16	5/32 in.	33.80	34.20	34.40	34.80	35.00	35.40	35.80	36.00	36.40	36.60	37.00
16	9/64 in.	29.20	29.60	29.80	30.20	30.40	30.80	31.20	31.40	31.80	32.00	32.40
16	4/32 in.	24.60	25.00	25.20	25.60	25.80	26.20	26.60	26.80	27.20	27.40	27.80
18	4/32 in.	25.40	25.60	25.80	26.00	26.20	26.40	26.60	26.80	27.00	27 20	27.40
18	7/64 in.	21.00	21.20	21.40	21.60	21.80	22.00	22.20	22.40	22.60	22.80	23.00
19	7/64 in.	16.20	21.40	21.60	21.60	21.80	22.00	22.20	22.40	22.40	22.60	22.80
19	3/32 in.	16.80	17.00	17.20	17.20	17.40	17.60	17.80	18.00	18.00	18.20	18.40
20 or 22	3/32 in.	17.00	17.20	17.20	17.40	17.60	17.60	17.80	17.80	18.00	18.20	18.20

100 MEGOHMS.

14	11/64 in.	$39.20	$39.80	$40.20	$40.60	$41.20	$41.60	$42.20	$42.60	$43.20	$43.60	$44.20
14	5/32 in.	34.80	35.40	35.80	36.20	36.80	37.20	37.80	38.20	38.80	39.20	39.80
16	5/32 in.	35.80	36.20	36.40	36.80	37.00	37.40	37.80	38.00	38.40	38.60	39.00
16	9/64 in.	30.80	31.20	31.40	31.80	32.00	32.40	32.80	33.00	33.40	33.60	34.00
16	4/32 in.	25.80	26.20	26.40	26.80	27.00	27.40	27.80	28.00	28.40	28.60	29.00
18	4/32 in.	26.60	26.80	27.00	27.20	27.40	27.60	27.80	28.00	28.20	28.40	28.60
18	7/64 in.	22.20	22.40	22.60	22.80	23.00	23.20	23.40	23.60	23.80	24.00	24.20
19	7/64 in.	22.40	22.60	22.80	22.80	23.00	23.20	23.60	23.60	23.60	23.80	24.00
19	3/32 in.	20.20	20.40	20.60	20.60	20.80	21.00	21.20	21.40	21.40	21.60	21.80
20 or 22	3/32 in.	20.40	20.60	20.60	20.80	21.00	21.00	21.20	21.20	21.40	21.60	21.60

OVER 100 MEGOHMS.

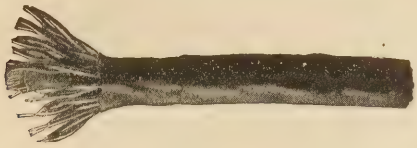
14	11/64 in.	$43.80	$44.40	$44.80	$45.80	$45.80	$46.20	$46.80	$47.20	$47.80	$48.20	$48.80
14	5/32 in.	39.20	39.80	40.20	40.60	41.20	41.60	42.20	42.60	43.20	43.60	44.20
16	5/32 in.	40.20	40.60	40.80	41.20	41.40	41.80	42.20	42.40	42.80	43.00	43.40
16	9/64 in.	35.20	35.60	35.80	36.20	36.40	36.80	37.20	37.40	37.80	38.00	38.40
16	4/32 in.	30.20	30.60	30.80	31.20	31.40	31.80	32.20	32.40	32.80	33.00	33.40
18	4/32 in.	31.00	31.20	31.40	31.60	31.80	32.00	32.20	32.40	32.60	32.80	33.00
18	7/64 in.	26.60	26.80	27.00	27.20	27.40	27.60	27.80	28.00	28.20	28.40	28.60
19	7/64 in.	26.80	27.00	27.20	27.20	27.40	27.60	27.80	28.00	28.00	28.20	28.40
19	3/32 in.	24.60	24.80	25.00	25.00	25.40	24.40	25.60	25.80	25.80	26.00	26.20
20 or 22	3/32 in.	24.80	25.00	25.00	25.20	25.40	25.40	25.60	25.60	25.80	26.00	26.00

No deductions to be made for lighter insulations than those listed.
Single Conductors carry one-half the price of Twisted Pairs.
Triple Conductors carry one and one-half times the price of Twisted Pairs.
Four Conductors carry twice the price of Twisted Pairs.
Upon change of Base Price the above prices shall be varied per conductor in accordance with changes for copper as given in official list.

For plain wire deduct per pair:

2/32 in.	$2.20 per 1,000 feet	9/64 in.	$4.00 per 1,000 feet
7/64 in.	2.60 per 1,000 feet	5/32 in.	5.00 per 1,000 feet
4/32 in.	3.00 per 1,000 feet	11/64 in.	6.00 per 1,000 feet

TELEPHONE CABLE.



Our interior cables are suitable for all indoor service under perfectly dry conditions. Under other conditions strictly rubber covered conductors should be used.

In all sizes of Interior Telephone Cables four of the conductors are No. 16 Damp Proof, and all the other conductors No. 18 Insulated with three winds of cotton each.

Wires are bunched and bound with one winding of cotton each, then two wrappings of paraffined paper applied in the reverse direction, and over all a cotton braid treated with a slate colored moisture and flame proof paint.

INTERIOR CABLE.

Code Word.	List No.		List Price Per Foot.
Zafuxuc	42789	10 Station Capacity, 14 Parallel Conductor	$0.13
Zafuxud	42790	16 Station Capacity, 20 Parallel Conductor	.16
Zafuxuf	42791	20 Station Capacity, 24 Parallel Conductor	.19
Zafuxug	42792	10 Station Capacity, 14 Twisted Pairs	.16
Zafuxuh	42793	16 Station Capacity, 18 Twisted Pairs	.20
Zafuxuk	42794	20 Station Capacity, 22 Twisted Pairs	.24

WEATHERPROOF CABLES.

Zafuxul	42795	10 Station Capacity, 14 Parallel Conductor	.22
Zafuxum	42796	16 Station Capacity, 20 Parallel Conductor	.30
Zafuxun	42797	20 Station Capacity, 24 Parallel Conductor	.36
Zafuxup	42798	10 Station Capacity, 14 Twisted Pairs	.30
Zafuxur	42799	16 Station Capacity, 18 Twisted Pairs	.41
Zafuxus	42800	20 Station Capacity, 22 Twisted Pairs	.50

LIST PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

OKONITE

TRADE MARK
REG. U.S. PATENT OFFICE.

STANDARD FOR RUBBER INSULATION.

SPECIFICATIONS FOR 30 PER CENT RUBBER INSULATING COMPOUND FOR WIRES AND CABLES.

The compound shall contain not less than 30 per cent by weight of dry fine Para Rubber, without any reclaimed or soft rubber. The composition of the remaining 70 per cent shall be left to the discretion of the manufacturer.

CHEMICAL.

The vulcanized rubber compound shall contain not more than 5 per cent by weight of extractive matter.

MECHANICAL.

The rubber insulation shall be homogeneous in character, shall be placed concentrically about the conductor, and shall have a tensile strength of not less than 800 pounds per square inch.

A sample of vulcanized rubber compound, not less than four inches in length, shall be cut from the wire, with a sharp knife held tangent to the copper. Marks shall be placed on the sample two inches apart. The sample shall be stretched until the marks are six inches apart and then immediately released; one minute after such release the marks shall not be over 2⅜ inches apart. The sample shall then be stretched four times its original length without rupture and on release the marks shall not be over 2½ inches apart.

ELECTRICAL.

Each and every length of conductor shall comply with the requirements given in the following tables. The tests shall be made at the works of the manufacturer when the conductor is covered with vulcanized rubber, **and before the application of tape, braid or other coverings.**

Tests shall be made after at least 36 hours' submersion in water and while still immersed. The insulation test shall follow the voltage test, shall be made with a battery of not less than 100 nor more than 500 volts, and the reading shall be taken after one minutes' electrification.

INSPECTION.

The purchaser may send to the works of the manufacturer, a representative, who shall be afforded all necessary facilities to make the above specified electrical and mechanical tests, and, also, to assure himself that the 30 per cent of rubber above specified is actually put into the compound, but he shall not be privileged to inquire what ingredients are used to make up the remaining 70 per cent of the compound.

30 PER CENT. RUBBER COMPOUND VOLTAGE TEST

THICKNESS OF INSULATION IN INCHES

Size.	3/64	2/32	5/64	3/32	7/64	4/32	5/32	6/32	7/32	8/32	9/32	10/32
1000000 to 550000..	....	....	....	....	3000	4500	7500	10500	13500	16500	19500	22500
500000 to 250000..	....	....	....	3000	4500	6000	9000	12000	15000	18000	21000	24000
4/0 to 1.....	....	....	3000	4500	6000	7500	10500	13500	16500	19500	22500	25500
2 to 7.....	....	3000	4500	6000	7500	9000	12000	15000	18000	21000	24000	27000
8 to 14.....	2250	3750	5250	6750	8250	9750	12750	15750	18750	....	....	....

NOTE—It is our experience that the above are sufficiently high voltages to employ. Higher voltages, although not necessarily causing a breakdown of the insulation, are apt to strain it.

MEGOHMS PER MILE, 60 DEG. F.

One Minute Electrification.

Size.	3/64	2/32	5/64	3/32	7/64	4/32	5/32	6/32	7/32
1000000 C. M.....	....	....	....	....	530	600	730	855	975
900000 C. M.....	....	....	....	....	555	625	760	900	1025
800000 C. M.....	....	....	....	....	585	650	800	950	1075
700000 C. M.....	....	....	....	....	620	700	850	1000	1150
600000 C. M.....	....	....	....	....	675	750	900	1075	1200
500000 C. M.....	....	....	....	625	720	800	975	1150	1300
400000 C. M.....	....	....	....	700	800	900	1100	1250	1400
300000 C. M.....	....	....	....	800	900	1000	1200	1400	1600
250000 C. M.....	....	....	....	850	960	1100	1300	1500	1700
4/0 Strd.	....	....	800	950	1050	1175	1400	1600	1800
3/0 Strd.	....	....	850	1050	1150	1300	1500	1800	2000
2/0 Strd.	....	....	950	1150	1275	1400	1700	1900	2150
1/0 Strd.	....	....	1050	1250	1400	1550	1800	2100	2350
1 Solid.....	....	....	1300	1500	1700	1900	2200	2500	2800
2 Solid.....	....	1200	1400	1600	1850	2050	2400	2700	3000
3 Solid.....	....	1300	1500	1800	2000	2200	2600	2950	3250
4 Solid.....	....	1400	1700	2000	2200	2400	2800	3150	3450
5 Solid.....	....	1550	1850	2150	2400	2600	3000	3400	3700
6 Solid.....	....	1700	2000	2300	2600	2800	3250	3600	3975
8 Solid.....	1600	2000	2400	2700	3000	3300	3750	4150	4500
9 Solid.....	1800	2200	2600	2900	3250	3500	4000	4400	4790
10 Solid.....	2000	2400	2800	3150	3500	3750	4250	4700	5050
12 Solid.....	2300	2800	3200	3600	3950	4250	4800	5250	5600
14 Solid.....	2700	3250	3700	4100	4500	4800	5350	5850	6250

NOTE—The above are conservative figures, and no compound containing 30 per cent of dry Para Rubber should give lower results.

OKONITE.

National Electrical Code Standard.

Low Potentials, 600 Volts.

List Price Per 1000 Feet.

Code Word.	List No.	Copper Conductor. Size A.W.G.	Insulation. Thickness of Wall.	Solid Conductor. Single Braid.	Solid Conductor. Taped and Braided or Double Braid.	Code Word.	List No.	Stranded Conductor. Single Braid.	Stranded Conductor. Taped and Braided or Double Braid.
Zabikik	20345	18	2/64	$13.71	$16.50	Zabikom	20367	$17.28	$20.31
Zabikil	20346	17	2/64	14.64	17.46	Zabikon	20368	18.33	21.45
Zabikim	20347	16	2/64	15.90	18.78	Zabikop	20369	19.98	23.10
Zabikin	20348	15	2/64	17.52	20.49	Zabikor	20370	21.63	24.87
Zabikip	20349	14	3/64	26.07	29.70	Zabikos	20371	32.01	35.70
Zabikir	20350	13	3/64	27.81	31.44	Zabikot	20372	33.36	37.11
Zabikis	20351	12	3/64	31.11	34.80	Zabikov	20373	38.76	44.01
Zabikit	20352	11	3/64	35.13	40.11	Zabikow	20374	44.19	49.62
Zabikiv	20353	10	3/64	40.68	45.93	Zabikox	20375	48.36	53.88
Zabikiw	20354	9	3/64	45.09	53.52	Zabikoy	20376	54.27	60.21
Zabikix	20355	8	3/64	51.57	57.42	Zabikoz	20377	62.61	69.24
Zabikiy	20356	7	4/64	71.22	77.85	Zabiku	20378	84.09	91.14
Zabikiz	20357	6	4/64	82.71	89.64	Zabikub	20379	94.71	102.00
Zabiko	20358	5	4/64	95.07	102.24	Zabikuc	20380	107.64	115.26
Zabikob	20359	4	4/64	109.98	117.45	Zabikud	20381	125.55	133.56
Zabikoc	20360	3	4/64	128.88	136.71	Zabikuf	20382	148.02	156.45
Zabikod	20361	2	4/64	153.39	161.61	Zabikug	20383	177.27	186.03
Zabikof	20362	1	5/64	198.90	207.99	Zabikuh	20384	232.17	243.54
Zabikog	20363	1/0	5/64	235.44	246.48	Zabikuk	20385	264.99	276.90
Zabikoh	20364	2/0	5/64	282.99	294.99	Zabikul	20386	314.13	327.09
Zabikok	20365	3/0	5/64	338.58	351.27	Zabikum	20387	374.13	387.90
Zabikol	20366	4/0	5/64	411.09	424.68	Zabikun	20388	439.08	453.69

STRANDED CONDUCTORS.

		Copper Conductor. Circular Mills.	Insulation. Thickness of Wall.	Single Braid.	Taped and Braided or Double Braid.
Zabikup	20389	100,000	5/64	249.54	261.48
Zabikur	20390	150,000	5/64	349.50	362.88
Zabikus	20391	200,000	5/64	419.37	433.71
Zabikut	20392	250,000	6/64	530.73	546.60
Zabikuv	20393	300,000	6/64	642.54	659.46
Zabikuw	20394	350,000	6/64	693.66	711.12
Zabikux	20395	400,000	6/64	819.03	837.42
Zabikuy	20396	450,000	6/64	938.01	957.81
Zabikuz	20397	500,000	6/64	987.33	1007.85
Zabila	20398	550,000	7/64	1095.81	1117.23
Zabilab	20399	600,000	7/64	1218.03	1240.44
Zabilac	20400	650,000	7/64	1316.58	1339.41
Zabilad	20401	700,000	7/64	1394.22	1417.50
Zabilaf	20402	750,000	7/64	1446.36	1469.91
Zabilag	20403	800,000	7/64	1550.82	1574.97
Zabilah	20404	850,000	7/64	1571.46	1595.70
Zabilak	20405	900,000	7/64	1760.73	1786.02
Zabilal	20406	950,000	7/64	1779.84	1805.22
Zabilam	20407	1,000,000	7/64	1868.37	1894.29

List on Duplex Conductors Laid Parallel, Double the List of Double Braid.

OKONITE.

National Electrical Code Standard.

Medium Potential, 3500 Volts.

List Price Per 1000 Feet.

Code Word.	List No.	Copper Conductor. Size A.W.G.	Insulation. Thickness of Wall.	Solid Conductor. Single Braid.	Solid Conductor. Taped and Braided or Double Braid.	Code Word.	List No.	Stranded Conductor. Single Braid.	Stranded Conductor. Taped and Braided or Double Braid.
Zabilan	20414	14	3/32	$55.50	$61.86	Zabilel	20432	$63.24	$69.75
Zabilap	20415	13	3/32	57.78	64.14	Zabilem	20433	64.92	71.64
Zabilar	20416	12	3/32	62.40	69.03	Zabilen	20434	72.21	79.14
Zabilas	20417	11	3/32	67.35	74.13	Zabilep	20435	77.16	84.21
Zabilat	20418	10	3/32	72.90	79.83	Zabiler	20436	85.29	91.65
Zabilav	20419	9	3/32	81.24	88.35	Zabiles	20437	91.20	98.58
Zabilaw	20420	8	3/32	87.15	94.41	Zabilet	20438	101.94	109.59
Zabilax	20421	7	3/32	99.09	106.62	Zabilev	20439	114.21	122.16
Zabilay	20422	6	3/32	109.47	117.21	Zabilew	20440	127.11	135.33
Zabilaz	20423	5	3/32	123.75	131.76	Zabilex	20441	141.18	149.70
Zabile	20424	4	3/32	142.47	150.81	Zabiley	20442	159.30	168.15
Zabileb	20425	3	3/32	164.25	172.95	Zabilez	20443	183.63	194.37
Zabilec	20426	2	3/32	188.07	198.48	Zabili	20444	215.58	226.80
Zabiled	20427	1	3/32	221.25	232.29	Zabilib	20445	246.33	258.30
Zabilef	20428	1/0	3/32	261.18	273.03	Zabilid	20446	286.65	299.28
Zabileg	20429	2/0	3/32	308.52	321.09	Zabilif	20447	337.35	350.70
Zabilah	20430	3/0	3/32	366.24	379.53	Zabilig	20448	400.59	414.81
Zabilek	20431	4/0	3/32	436.86	450.96	Zabilih	20449	466.62	481.60

STRANDED CONDUCTOR.

		Copper Conductor. Circular Mills.	Insulation. Thickness of Wall.	Single Braid.	Taped and Braided or Double Braid.
Zabilik	20450	100,000	3/32	274.41	286.89
Zabilil	20451	150,000	3/32	374.58	388.56
Zabilim	20452	200,000	3/32	453.69	468.54
Zabilin	20453	250,000	3/32	530.73	546.60
Zabilip	20454	300,000	3/32	642.54	659.46
Zabilir	20455	350,000	3/32	693.66	711.12
Zabilis	20456	400,000	3/32	819.03	837.42
Zabilit	20457	450,000	3/32	938.01	957.81
Zabiliv	20458	500,000	3/32	987.33	1007.25
Zabiliw	20459	550,000	4/32	1148.58	1170.00
Zabilix	20460	600,000	4/32	1272.81	1295.07
Zabiliy	20461	650,000	4/32	1373.67	1396.50
Zabiliz	20462	700,000	4/32	1457.64	1480.32
Zabilo	20463	750,000	4/32	1506.81	1530.06
Zabilob	20464	800,000	4/32	1612.11	1636.26
Zabiloc	20465	850,000	4/32	1637.85	1656.09
Zabilod	20466	900,000	4/32	1826.25	1851.54
Zabilof	20467	950,000	4/32	1845.15	1867.53
Zabilog	20468	1,000,000	4/32	1941.39	1968.00

List on Duplex Conductors Laid Parallel, Double the List of Double Braid.

TRADE MARK
REG. U.S. PAT. OFFICE.

OKONITE.

LEAD COVERED.

Solid Conductors, for 1000 Volts.

TRADE MARK
REG. U.S. PAT. OFFICE.

Code Word.	List No.	Conductor Size A. W. G.	Insul. Walls.	Lead Walls. Thick.	Weight in Lbs. Per 1000 Ft.	List Price Per 1000 Feet.
Zabavu	49014	14	3/64	1/32	157	$43.35
Zabavub	49015	13	3/64	1/32	162	45.72
Zabavud	49016	12	3/64	1/32	177	50.58
Zabavuf	49017	11	3/64	1/32	186	54.60
Zabavug	49018	10	3/64	1/32	205	61.50
Zabavuh	49019	9	3/64	1/32	220	67.20
Zabavuk	49020	8	3/64	3/64	322	86.34
Zabavul	49021	7	4/64	3/64	383	108.69
Zabavum	49022	6	4/64	3/64	419	121.89
Zabavun	49023	5	4/64	3/64	460	136.59
Zavavup	49024	4	4/64	3/64	506	153.54
Zabavur	49025	3	4/64	1/16	668	189.84
Zabavus	49026	2	4/64	1/16	745	218.10
Zabavut	49027	1	5/64	1/16	881	271.26
Zabavuv	49028	1/0	5/64	5/64	1164	337.83
Zabavuw	49029	2/0	5/64	5/64	1308	390.57
Zabavux	49030	3/0	5/64	5/65	1483	456.96
Zabavuz	49031	4/0	5/64	5/64	1702	536.07
Zabawa	49032	14	3/64	3/64	222	52.71
Zabawab	49033	13	3/64	3/64	230	55.65
Zonug	44621	12	3/64	3/64	244	60.24
Zonuh	44622	11	3/64	3/64	258	64.92
Zonuk	44623	10	3/64	3/64	280	72.09
Zonul	44624	9	3/64	3/64	297	78.18
Zonum	44625	8	3/64	1/16	401	97.59
Zonun	44626	7	4/64	1/16	471	121.47
Zonup	44627	6	4/64	1/16	511	135.06
Zonur	44628	5	4/64	1/16	556	150.30
Zonus	44629	4	4/64	1/16	606	168.03
Zonut	44630	3	4/64	5/64	767	204.21
Zonuv	44631	2	4/64	5/64	898	240.27
Zonuw	44632	1	5/64	5/64	1052	295.86
Zonux	44633	1/0	5/64	3/32	1313	359.46
Zabatum	46628	2/0	5/64	3/32	1465	413.58
Zabatun	46629	3/0	5/64	3/32	1656	479.97
Zabatup	46630	4/0	5/64	3/32	1879	561.78

TRADE MARK
REG. U.S. PAT. OFFICE.

OKONITE.

LEAD COVERED.

TRADE MARK
REG. U.S. PAT. OFFICE.

Solid Conductors, for 4000 Volts.

Code Word.	List No.	Conductor—Size A. W. G.	Conductor—Insul. Walls.	Lead Walls Thick.	Weight in Pounds, Per 1000 Ft.	List Price, Per 1000 Ft.
Zabiha	20176	14	3/32	1/16	416	$104.28
Zabihab	20177	13	3/32	1/16	420	106.47
Zabihac	20178	12	3/32	1/16	437	112.20
Zabihad	20179	11	3/32	1/16	454	118.20
Zabihaf	20180	10	3/32	1/16	473	125.25
Zabihag	20181	9	3/32	1/16	506	135.78
Zabihah	20182	8	3/32	1/16	529	143.34
Zabihak	20183	7	3/32	1/16	568	157.59
Zabihal	20184	6	3/32	1/16	597	169.29
Zabiham	20185	5	3/32	5/64	784	206.46
Zabihan	20186	4	3/32	5/64	858	230.79
Zabihap	20187	3	3/32	5/64	923	255.24
Zabihar	20188	2	3/32	5/64	1010	284.40
Zabihas	20189	1	3/32	3/32	1262	344.58
Zabihat	20190	1/0	3/32	3/32	1396	388.20
Zabihav	20191	2/0	3/32	3/32	1550	446.49
Zabihaw	20192	3/0	3/32	3/32	1728	511.98
Zabihax	20193	4/0	3/32	3/32	1948	590.79
Zabihay	20194	14	3/32	5/64	525	120.03
Zabihaz	20195	13	3/32	5/64	529	122.22
Zabihe	20196	12	3/32	5/64	549	128.37
Zabiheb	20197	11	3/32	5/64	569	134.76
Zabihec	20198	10	3/32	5/64	591	142.23
Zabihed	20199	9	3/32	5/64	630	158.87
Zabihef	20200	8	3/32	5/64	653	161.82
Zabiheg	20201	7	3/32	5/64	701	177.08
Zabiheh	20202	6	3/32	5/64	733	189.00
Zabihek	20203	5	3/32	3/32	911	224.79
Zabihel	20204	4	3/32	3/32	991	250.11
Zabihem	20205	3	3/32	3/32	1060	275.10
Zabihen	20206	2	3/32	3/32	1153	305.19
Zabihep	20207	1	3/32	7/64	1417	366.99
Zabiher	20208	1/0	3/32	7/64	1559	414.69
Zabihes	20209	2/0	3/32	7/64	1721	471.06
Zabihet	20210	3/0	3/32	7/64	1907	538.08
Zabihev	20211	4/0	3/32	7/64	2137	619.74

OKONITE.

LEAD COVERED.

Solid Conductors, for 1000 Volts.

Code Word.	List No.	Conductors Size. A. W. G.	Conductors Insul. Walls.	Lead. Walls Thick.	Weight in Lbs. Per 1000 ft.	List Price Per 1000 ft.
Zabimen	20005	14	3/64	1/16	288	$62.52
Zabimep	20006	13	3/64	1/16	297	65.28
Zabimer	20007	12	3/64	1/16	313	69.84
Zabimes	20008	11	3/64	1/16	329	75.24
Zabimet	20009	10	3/64	1/16	354	82.83
Zabimev	20010	9	3/64	1/16	373	89.19
Zabimew	20011	8	3/64	5/64	506	112.68
Zabimex	20012	7	4/64	5/64	581	137.49
Zabimey	20013	6	4/64	5/64	629	151.74
Zabimez	20014	5	4/64	5/64	680	168.09
Zabimi	20015	4	4/64	5/64	736	186.78
Zabimib	20016	3	4/64	3/32	937	228.96
Zabimic	20017	2	4/64	3/32	1029	259.14
Zabimid	20018	1	5/64	3/32	1195	316.65
Zabimif	20019	1/0	5/64	7/64	1468	381.87
Zabimig	20020	2/0	5/64	7/64	1628	438.15
Zabimih	20021	3/0	5/64	7/64	1829	504.33
Zabimik	20022	4/0	5/64	7/64	2062	588.27

Stranded Conductors, for 1000 Volts.

Zabimil	20023	14	3/64	1/32	172	51.45
Zabimim	20024	13	3/64	1/32	173	52.65
Zabimin	20025	12	3/64	1/32	196	59.76
Zabimip	20026	11	3/64	1/32	210	66.39
Zabimir	20027	10	3/64	1/32	224	74.40
Zabimis	20028	9	3/64	3/64	320	88.47
Zabimit	20029	8	3/64	3/64	352	98.31
Zabimiv	20030	7	4/64	3/64	420	124.86
Zabimiw	20031	6	4/64	3/64	457	137.49
Zabimix	20032	5	4/64	3/64	496	152.25
Zabimiy	20033	4	4/64	1/16	662	188.22
Zabimiz	20034	3	4/64	1/16	735	215.07
Zabimo	20035	2	4/64	1/16	806	248.37
Zabimob	20036	1	5/64	5/64	1140	337.71
Zabimoc	20037	1/0	5/64	5/64	1248	402.36
Zabimod	20038	2/0	5/64	5/64	1411	432.12
Zabimof	20039	3/0	5/64	5/64	1599	501.45
Zabimog	20040	4/0	5/64	5/64	1793	574.36

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LEAD COVERED.

Stranded Conductors, for 1000 Volts.

Code Word.	List No.	Conductors—Size. A. W. G.	Conductors—Insul. Walls.	Lead Walls Thick.	Weight in Pounds, Per 1000 Ft.	List Price, Per 1000 Ft.
Zabilus	20049	14	3/64	3/64	239	$61.11
Zabilut	20050	13	3/64	3/64	244	62.85
Zabiluv	20051	12	3/64	3/64	271	70.35
Zabiluw	20052	11	3/64	3/64	287	77.25
Zabilux	20053	10	3/64	3/64	303	82.53
Zabiluz	20054	9	3/64	1/16	400	100.02
Zabima	20055	8	3/64	1/16	436	110.55
Zabimab	20056	7	4/64	1/16	514	138.45
Zabimac	20057	6	4/64	1/16	555	151.74
Zabimad	20058	5	4/64	1/16	598	166.92
Zabimaf	20059	4	4/64	5/64	804	208.89
Zabimag	20060	3	4/64	5/64	886	237.09
Zabimah	20061	2	4/64	5/64	966	271.47
Zabimak	20062	1	5/64	3/32	1293	360.18
Zabimal	20063	1/0	5/64	3/32	1407	395.16
Zabimam	20064	2/0	5/64	3/32	1580	456.75
Zabiman	20065	3/0	5/64	3/32	1778	527.40
Zabimap	20066	4/0	5/64	3/32	1982	602.49
Zabimar	20067	14	3/64	1/16	308	71.01
Zabimas	20068	13	3/64	1/16	314	72.90
Zabimat	20069	12	3/64	1/16	345	81.09
Zabimav	20070	11	3/64	1/16	363	88.26
Zabimaw	20071	10	3/64	1/16	381	93.96
Zabimax	20072	9	3/64	5/64	500	114.57
Zabimay	20073	8	3/64	5/64	542	125.91
Zabimaz	20074	7	4/64	5/64	635	155.97
Zabime	20075	6	4/64	5/64	682	170.22
Zabimeb	20076	5	4/64	5/64	731	186.26
Zabimec	20077	4	4/64	3/32	931	227.22
Zabimed	20078	3	4/64	3/32	1019	253.41
Zabimef	20079	2	4/64	3/32	1105	292.02
Zabimeg	20080	1	5/64	7/64	1452	353.13
Zabimeh	20081	1/0	5/64	7/64	1573	419.10
Zabimek	20082	2/0	5/64	7/64	1755	481.86
Zabimel	20083	3/0	5/64	7/64	1963	554.19
Zabimem	20084	4/0	5/64	7/64	2117	630.60

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Stranded C. M. Conductors, for 1000 Volts.

Code Word.	List No.	Conductor. Size. C. M.	Conductor. Insul. Walls.	Lead Walls Thick.	Weight in Pounds, Per 1000 Ft.	List Price, Per 1000 Ft.
Zabigoc	20130	100000	5/64	5/64	1205	$357.27
Zabigod	20131	150000	5/64	5/64	1524	472.65
Zabigof	20132	200000	5/64	5/64	1740	552.93
Zabigog	20133	250000	6/64	5/64	2063	679.11
Zabigoh	20134	300000	6/64	5/64	2350	802.65
Zabigok	20135	350000	6/64	3/32	2708	890.79
Zabigol	20136	400000	6/64	3/32	3062	1030.20
Zabigom	20137	450000	6/64	3/32	3437	1162.38
Zabigon	20138	500000	6/64	3/32	3510	1213.74
Zabigop	20139	550000	7/64	3/32	3783	1332.63
Zabigor	20140	600000	7/64	3/32	4179	1462.11
Zabigos	20141	650000	7/64	3/32	4354	1573.23
Zabigot	20142	700000	7/64	3/32	4561	1655.34
Zabigov	20143	750000	7/64	3/32	4691	1712.91
Zabigow	20144	800000	7/64	3/32	4957	1823.73
Zabigox	20145	850000	7/64	3/32	5004	1848.36
Zabigoy	20146	900000	7/64	3/32	5505	2053.11
Zabigoz	20147	950000	7/64	3/32	5539	2072.19
Zabigu	20148	1000000	7/64	3/32	5762	2167.11
Zabigub	20149	100000	5/64	3/32	1362	380.01
Zabiguc	20150	150000	5/64	3/32	1699	498.06
Zabigud	20151	200000	5/64	3/32	1927	580.23
Zabiguf	20152	250000	6/64	3/32	2268	708.75
Zabigug	20153	300000	6/64	3/32	2569	834.00
Zabiguh	20154	350000	6/64	7/64	2939	923.76
Zabiguk	20155	400000	6/64	7/64	3407	1035.09
Zabigul	20156	450000	6/64	7/64	3696	1199.73
Zabigum	20157	500000	6/64	7/64	3771	1252.05
Zabigun	20158	550000	7/64	7/64	4056	1372.50
Zabigup	20159	600000	7/64	7/64	4466	1510.14
Zabigur	20160	650000	7/64	7/64	4647	1615.47
Zabigus	20161	700000	7/64	7/64	4861	1698.99
Zabigut	20162	750000	7/64	7/64	4994	1756.80
Zabiguv	20163	800000	7/64	7/64	5278	1871.40
Zabiguw	20164	850000	7/64	7/64	5317	1893.03
Zabigux	20165	900000	7/64	7/64	5832	2100.24
Zabiguy	20166	950000	7/64	7/64	5868	2119.92
Zabiguz	20167	1000000	7/64	7/64	6097	2215.62

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LEAD COVERED.

Stranded C. M. Conductors, for 1,000 Volts.

Code Word.	List No.	Size, C. M.	Insul. Walls.	Lead Walls, Thick.	Weight in lbs. Per 1000 Ft.		List Price Per 1000 Ft.
Zabigeg	20085	100000	5/64	7/64	1525	.....	$403.77
Zabigeh	20086	150000	5/64	7/64	1880	.....	524.46
Zabigek	20087	200000	5/64	7/64	2120	.....	607.95
Zabigel	20088	250000	6/64	7/64	2479	.....	739.32
Zabigem	20089	300000	6/64	7/64	2794	.....	867.09
Zabigen	20090	350000	6/64	1/8	3178	.....	958.44
Zabigep	20091	400000	6/64	1/8	3560	.....	1101.93
Zabiger	20092	450000	6/64	1/8	3963	.....	1239.03
Zabiges	20093	500000	6/64	1/8	4040	.....	1290.75
Zabiget	20094	550000	7/64	1/8	4337	.....	1413.12
Zabigev	20095	600000	7/64	1/8	4761	.....	1552.68
Zabigew	20096	650000	7/64	1/8	4948	.....	1657.92
Zabigex	20097	700000	7/64	1/8	5168	.....	1743.45
Zabigey	20098	750000	7/64	1/8	5305	.....	1801.80
Zabigez	20099	800000	7/64	1/8	5597	.....	1918.08
Zabigi	20100	850000	7/64	1/8	5638	.....	1940.25
Zabigib	20101	900000	7/64	1/8	6167	.....	2145.78
Zabigic	20102	950000	7/64	1/8	6205	.....	2168.70
Zabigid	20103	1000000	7/64	1/8	6440	.....	2265.24

Solid Conductors, for 4,000 Volts.

		Size A. W. G.					
Zabigif	20104	14	3/32	3/64	330	.....	91.77
Zabigig	20105	13	3/32	3/64	334	.....	93.96
Zabigih	20106	12	3/32	3/64	349	.....	99.39
Zabigik	20107	11	3/32	3/64	364	.....	105.30
Zabigil	20108	10	3/32	3/64	381	.....	112.08
Zabigim	20109	9	3/32	3/64	410	.....	121.95
Zabigin	20110	8	3/32	3/64	431	.....	129.30
Zabigip	20111	7	3/32	3/64	466	.....	142.92
Zabigir	20112	6	3/32	3/64	493	.....	157.20
Zabigis	20113	5	3/32	1/16	642	.....	185.79
Zabigit	20114	4	3/32	1/16	707	.....	208.47
Zabigiv	20115	3	3/32	1/16	766	.....	232.56
Zabigiw	20116	2	3/32	1/16	844	.....	260.49
Zabigix	20117	1	3/32	5/64	1113	.....	323.01
Zabigiy	20118	1/0	3/32	5/64	1239	.....	368.19
Zabigiz	20119	2/0	3/32	5/64	1385	.....	422.40
Zabigo	20120	3/0	3/32	5/64	1555	.....	486.96
Zabigob	20121	4/0	3/32	5/64	1765	.....	563.22

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Stranded Conductors, for 4000 Volts.

Code Word.	List No.	Conductor. Size, A. W. G.	Conductor. Insul. Walls.	Lead Walls Thick.	Weight in Pounds, Per 1000 Ft.	List Price, Per 1000 Ft.
Zabihot	20258	14	3/32	3/64	343	$100.11
Zabihov	20259	13	3/32	3/64	353	102.96
Zabihow	20260	12	3/32	3/64	373	111.12
Zabihox	20261	11	3/32	3/64	389	117.09
Zabihoy	20262	10	3/32	3/64	417	127.47
Zabihoz	20263	9	3/32	3/64	435	134.28
Zabihu	20264	8	3/32	3/64	467	146.64
Zabihub	20265	7	3/32	1/16	612	176.16
Zabihuc	20266	6	3/32	1/16	655	191.73
Zabihud	20267	5	3/32	1/16	701	205.41
Zabihuf	20268	4	3/32	1/16	756	229.17
Zabihug	20269	3	3/32	1/16	830	257.22
Zabihuh	20270	2	3/32	5/64	1084	318.42
Zabihuk	20271	1	3/32	5/64	1180	353.19
Zabihul	20272	1/0	3/32	5/64	1308	400.53
Zabihum	20273	2/0	3/32	5/64	1473	459.51
Zabihun	20274	3/0	3/32	5/64	1664	531.39
Zabihup	20275	4/0	3/32	5/64	1859	606.00
Zabihur	20276	14	3/32	1/16	431	112.89
Zabihus	20277	13	3/32	1/16	443	115.36
Zabihut	20278	12	3/32	1/16	465	124.29
Zabihuv	20279	11	3/32	1/16	483	130.68
Zabihuw	20280	10	3/32	1/16	515	141.51
Zabihux	20281	9	3/32	1/16	535	148.68
Zabihuy	20282	8	3/32	1/16	571	161.73
Zabihuz	20283	7	3/32	5/64	754	196.83
Zabika	20284	6	3/32	5/64	813	213.21
Zabikab	20285	5	3/32	5/64	855	230.85
Zabikac	20286	4	3/32	5/64	916	252.27
Zabikad	20287	3	3/32	5/64	999	281.52
Zabikaf	20288	2	3/32	3/32	1235	340.59
Zabikag	20289	1	3/32	3/32	1337	376.20
Zabikah	20290	1/0	3/32	3/32	1473	424.62
Zabikak	20291	2/0	3/32	3/32	1648	484.92
Zabikal	20292	3/0	3/32	3/32	1849	558.33
Zabikam	20293	4/0	3/32	3/32	2053	634.26

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Stranded Conductors, for 4000 Volts.

Code Word.	List No.	Conductor. Size. A. W. G.	Conductor. Insul. Walls.	Lead Walls Thick.	Weight. in Pounds, Per 1000 Ft.	List Price, Per 1000 Ft.
Zabikan	20302	14	3/32	5/64	543	$128.91
Zabikap	20303	13	3/32	5/64	558	132.42
Zabikar	20304	12	3/32	5/64	583	141.27
Zabikas	20305	11	3/32	5/64	604	148.20
Zabikat	20306	10	3/32	5/64	642	159.99
Zabikav	20307	9	3/32	5/64	665	167.58
Zabikaw	20308	8	3/32	5/64	707	181.44
Zabikax	20309	7	3/32	3/32	881	215.16
Zabikay	20310	6	3/32	3/32	934	232.03
Zabikaz	20311	5	3/32	3/32	990	250.41
Zabike	20312	4	3/32	3/32	1055	272.52
Zabikeb	20313	3	3/32	3/32	1144	302.61
Zabikec	20314	2	3/32	7/64	1392	363.45
Zabiked	20315	1	3/32	7/64	1500	399.69
Zabikef	20316	1/0	3/32	7/64	1644	449.19
Zabikeg	20317	2/0	3/32	7/64	1829	511.32
Zabikeh	20318	3/0	3/32	7/64	2040	585.90
Zabikek	20319	4/0	3/32	7/64	2254	663.36

Stranded C. M. Conductors, for 4000 Volts.

		C. M. Size.				
Zabikel	20320	100000	3/32	5/64	1270	386.67
Zabikem	20321	150000	3/32	5/64	1589	502.32
Zabiken	20322	200000	3/32	5/64	1814	591.12
Zabikep	20323	250000	3/32	5/64	2063	679.11
Zabiker	20324	300000	3/32	5/64	2348	802.65
Zabikes	20325	350000	3/32	3/32	2708	892.89
Zabiket	20326	400000	3/32	3/32	3062	1030.50
Zabikev	20327	450000	3/32	3/32	3432	1156.38
Zabikew	20328	500000	3/32	3/32	3510	1213.44
Zabikex	20329	550000	3/32	3/32	3872	1371.72
Zabikey	20330	600000	4/32	3/32	4269	1527.84
Zabikez	20331	650000	4/32	3/32	4445	1634.16
Zabiki	20332	700000	4/32	3/32	4656	1723.77
Zabikib	20333	750000	4/32	3/32	4785	1777.59
Zabikic	20334	800000	4/32	3/32	5063	1892.13
Zabikid	20335	850000	4/32	3/32	5103	1918.41
Zabikif	20336	900000	4/32	3/32	5603	2121.15
Zabikig	20337	950000	4/32	3/32	5636	2141.52
Zabikih	20338	1000000	4/32	3/32	6206	2291.16

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Stranded C. M. Conductors, for 4000 Volts.

Code Word.	List No.	Conductor— Size A. W. G.	Insul. Walls.	Lead Walls Thick.	Weight in Pounds, Per 1000 Ft.	List Price, Per 1000 Ft.
Zabihew	20212	100000	3/32	3/32	1433	$410.16
Zabihex	20213	150000	3/32	3/32	1770	528.57
Zabihey	20214	200000	3/32	3/32	2007	622.14
Zabihez	20215	250000	3/32	3/32	2268	708.75
Zabihi	20216	300000	3/32	3/32	2569	834.00
Zabihib	20217	350000	3/32	7/64	2939	923.76
Zabahic	20218	400000	3/32	7/64	3307	1065.09
Zabihid	20219	450000	3/32	7/64	3691	1199.73
Zabihif	20220	500000	3/32	7/64	3771	1250.49
Zabihig	20221	550000	4/32	7/64	4151	1430.49
Zabihih	20222	600000	4/32	7/64	4562	1570.11
Zabihik	20223	650000	4/32	7/64	4744	1677.81
Zabihil	20224	700000	4/32	7/64	4961	1768.02
Zabihim	20225	750000	4/32	7/64	5094	1822.32
Zabihin	20226	800000	4/32	7/64	5380	1938.24
Zabihip	20227	850000	4/32	7/64	5422	1964.58
Zabihir	20228	900000	4/32	7/64	5936	2169.42
Zabihis	20229	950000	4/32	7/64	5971	2190.03
Zabihit	20230	1000000	4/32	9/64	6555	2341.86
Zabihiv	20231	100000	3/32	7/54	1602	434.79
Zabihiw	20232	150000	3/32	7/54	1957	555.60
Zabihix	20233	200000	3/32	7/54	2206	647.94
Zabihiy	20234	250000	3/32	7/54	2479	739.32
Zabihiz	20235	300000	3/32	7/54	2794	866.19
Zabiho	20236	350000	3/32	1/8	3178	958.44
Zabihob	21237	400000	3/32	1/8	3560	1101.93
Zabihoc	20238	450000	3/32	1/8	3958	1238.49
Zabihod	20239	500000	3/32	1/8	4040	1290.09
Zabihof	20240	550000	4/32	1/8	4438	1471.83
Zabihog	20241	600000	4/32	1/8	4863	1614.03
Zabihoh	20242	650000	4/32	1/8	5051	1722.87
Zabihok	20243	700000	4/32	1/8	5274	1813.56
Zabihol	20244	750000	4/32	1/8	5411	1871.40
Zabihom	20245	800000	4/32	1/8	5705	1985.40
Zabihon	20246	850000	4/32	1/8	5749	2012.04
Zabihop	20247	900000	4/32	1/8	6277	2219.04
Zabihor	20248	950000	4/32	1/8	6314	2239.65
Zabihos	20249	1000000	4/32	5/32	7198	2435.97

OKONITE.

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AERIAL CABLES.—TWISTED IN PAIRS FOR TELEPHONE USE.

Jute and Extra Standard Covering.

LIST PRICE PER 1,000 FEET.

TRADE MARK
REG. U.S. PAT. OFFICE.

Cond. A. W. G.	5 Pairs O. D. In.	5 Pairs List Price.	10 Pairs O. D. In.	10 Pairs List Price.	15 Pairs O. D. In.	15 Pairs List Price.	20 Pairs O. D. In.	20 Pairs List Price.	25 Pairs O. D. In.	25 Pairs List Price.
22 3/32	.68	$154.59	.92	$282.06	.98	$392.85	1.10	$506.52	1.28	$631.11
20 3/32	.68	157.68	.92	288.24	.98	402.09	1.10	518.85	1.28	646.56
19 3/32	.68	159.81	.92	292.53	.98	408.54	1.10	527.49	1.28	657.36
22 7/64	.75	186.06	1.02	337.62	1.09	471.30	1.21	611.64	1.43	763.23
20 7/64	.75	189.12	1.02	343.77	1.09	481.62	1.21	623.97	1.43	778.68
19 7/64	.75	190.05	1.02	345.63	1.09	434.38	1.21	627.66	1.43	783.30
18 7/64	.75	193.14	1.02	351.81	1.09	493.62	1.21	639.99	1.43	798.75
22 4/32	.82	216.69	1.12	398.10	1.21	560.76	1.33	724.17	1.58	907.05
20 4/32	.82	220.05	1.12	404.88	1.21	570.93	1.33	737.73	1.58	924.06
19 4/32	.82	221.91	1.12	408.57	1.21	576.48	1.33	745.14	1.58	933.33
18 4/32	.82	224.07	1.12	412.89	1.21	582.93	1.33	753.75	1.58	944.13
16 4/32	.82	230.22	1.12	425.22	1.21	601.41	1.33	778.41	1.58	975.05
18 5/32	.99	306.75	1.38	567.57	1.49	802.83	1.65	1042.17	1.97	1304.67
16 5/32	.99	314.01	1.38	581.13	1.49	823.14	1.65	1069.29	1.97	1338.66
14 5/32	.99	319.56	1.38	592.23	1.49	839.79	1.65	1031.49	1.97	1366.47
18 6/32	1.12	392.82	1.58	739.08	1.71	1050.90	1.91	1370.19	2.27	1716.39
16 6/32	1.12	402.00	1.58	752.04	1.71	1070.31	1.91	1396.08	2.27	1748.82
14 6/32	1.12	404.64	1.58	774.84	1.71	1104.48	1.91	1435.68	2.27	1806.00
12 6/32	1.12	422.40	1.58	804.45	1.71	1148.85	1.91	1494.87	2.27	1880.16
16 7/32	1.29	499.77	1.79	941.43	1.98	1351.17	2.21	1765.83	2.57	2205.33
14 7/32	1.29	510.84	1.79	963.63	1.98	1384.44	2.21	1810.23	2.57	2260.95
12 7/32	1.29	525.60	1.79	993.21	1.98	1428.78	2.21	1869.42	2.57	2335.11
16 8/32	1.43	609.48	1.99	1149.30	2.18	1653.78	2.43	2166.60	2.87	2708.19
14 8/32	1.43	620.85	1.99	1172.10	2.18	1687.95	2.43	2212.23	2.87	2765.37
12 8/32	1.43	635.31	1.99	1201.08	2.18	1731.39	2.43	2270.19	2.87	2837.97
	30 Pairs		35 Pairs		40 Pairs		45 Pairs		50 Pairs	
22 3/32	1.34	743.88	1.46	859.17	1.46	962.85	1.64	1093.59	1.66	1202.46
20 3/32	1.34	762.42	1.46	880.77	1.46	987.48	1.64	1121.49	1.66	1233.45
19 3/32	1.34	775.38	1.46	895.89	1.46	1004.73	1.64	1141.02	1.66	1258.14
22 7/64	1.50	901.89	1.61	1041.72	1.61	1170.15	1.83	1326.33	1.85	1459.29
20 7/64	1.50	920.43	1.61	1063.35	1.61	1194.78	1.83	1354.23	1.85	1490.28
19 7/64	1.50	925.98	1.61	1069.83	1.61	1202.16	1.83	1362.60	1.85	1499.58
18 7/64	1.50	944.52	1.61	1091.46	1.61	1226.79	1.83	1390.50	1.85	1530.57
22 4/32	1.66	1070.46	1.79	1236.15	1.79	1389.87	2.04	1577.10	2.06	1734.51
20 4/32	1.66	1090.86	1.79	1259.91	1.79	1416.96	2.04	1607.79	2.06	1769.59
19 4/32	1.66	1104.99	1.79	1272.87	1.79	1431.66	2.04	1624.83	2.06	1787.19
18 4/32	1.66	1114.95	1.79	1288.02	1.79	1448.97	2.04	1644.66	2.06	1808.88
16 4/32	1.66	1152.03	1.79	1331.25	1.79	1498.23	2.04	1699.86	2.06	1870.86
18 5/32	2.07	1544.01	2.24	1785.24	2.24	2010.15	2.56	2380.84	2.58	2513.88
16 5/32	2.07	1584.78	2.24	1831.17	2.24	2064.33	2.56	2341.92	2.58	2582.04
14 5/32	2.07	1618.17	2.24	1871.70	2.24	2103.67	2.56	2392.14	2.58	2637.84
18 6/32	2.40	2032.65	2.60	2356.47	2.60	2656.44	2.96	3011.25	3.01	3324.54
16 6/32	2.40	2071.59	2.60	2401.86	2.60	2708.16	2.96	3069.84	3.01	3389.61
14 6/32	2.40	2140.17	2.60	2481.84	2.60	2799.27	2.96	3173.07	3.01	3504.27
12 6/32	2.40	2229.18	2.60	2535.58	2.60	2917.50	2.96	3306.99	3.01	3653.01
16 7/32	2.79	2622.99	3.02	3038.76	3.02	3134.85	3.35	3884.46	3.50	4299.12
14 7/32	2.79	2689.74	3.02	3116.58	3.02	3217.53	3.35	3984.90	3.50	4410.69
12 7/32	2.79	2778.72	3.02	3220.29	3.02	3335.76	3.35	4118.82	3.50	4559.43
16 8/32	3.06	3218.04	3.31	3728.49	3.31	4211.46	3.75	4779.78	3.82	4983.63
14 8/32	3.06	3286.62	3.31	3808.47	3.31	4302.60	3.75	4883.01	3.82	5398.29
12 8/32	3.06	3373.77	3.31	3910.05	3.31	4418.37	3.75	5014.14	3.82	5543.94
	60 Pairs		70 Pairs		80 Pairs		90 Pairs		100 Pairs	
22 3/32	1.81	1429.53	2.00	1669.14	2.04	1889.40	2.16	2140.35	2.16	2322.90
20 3/32	1.81	1466.70	2.00	1712.67	2.04	1939.14	2.16	2166.24	2.16	2385.03
19 3/32	1.81	1492.71	2.00	1743.15	2.04	1973.94	2.16	2205.36	2.16	2428.53
22 7/64	2.02	1737.51	2.25	2027.58	2.31	2295.93	2.42	2568.72	2.42	2828.10
20 7/64	2.02	1774.68	2.25	2071.11	2.31	2345.67	2.42	2627.61	2.42	2890.23
19 7/64	2.02	1785.84	2.25	2084.16	2.31	2360.58	2.42	2641.38	2.42	2908.86
18 7/64	2.02	1823.01	2.25	2127.69	2.31	2410.32	2.42	2697.27	2.42	2970.99
22 4/32	2.35	2073.33	2.45	2405.97	2.57	2734.26	2.68	3053.61	2.68	3365.37
20 4/32	2.35	2114.22	2.45	2453.85	2.57	2788.98	2.68	3115.08	2.68	3433.71
19 4/32	2.35	2136.51	2.45	2479.98	2.57	2818.83	2.68	3418.62	2.68	3471.00
18 4/32	2.35	2162.55	2.45	2510.43	2.57	2853.63	2.68	3187.74	2.68	3514.47
16 4/32	2.35	2266.89	2.45	2597.49	2.57	2953.11	2.68	3299.52	2.68	3638.73
18 5/32	2.82	2995.53	3.15	3505.29	3.24	3968.13	3.41	4441.62	3.41	4900.65
16 5/32	2.82	3077.31	3.15	3595.05	3.24	4077.54	3.41	4564.56	3.41	5037.33
14 5/32	2.82	3144.24	3.15	3673.41	3.24	4167.09	3.41	4665.18	3.41	5149.17
18 6/32	3.29	3363.09	3.65	4631.19	3.78	5257.65	3.98	5884.29	3.98	6501.69
16 6/32	3.29	4041.12	3.65	4722.60	3.78	5362.11	3.98	6001.65	3.98	6632.16
14 6/32	3.29	4178.67	3.65	4883.64	3.78	5546.13	3.98	6208.44	3.98	6832.02

TRADE MARK
REG. U.S. PAT. OFFICE.

OKONITE.

AERIAL CABLES.—STRAIGHT CONDUCTORS.

Jute and Extra Standard Covering.

PRICE PER 1,000 FEET.

TRADE MARK
REG. U.S. PAT. OFFICE.

Size. A. W. G.	2 Condr. O. D. In.	2 Condr. List Price.	3 Condr. O. D. In.	3 Condr. List Price.	4 Condr. O. D. In.	4 Condr. List Price.	5 Cnodr. O. D. In.	5 Cnodr. List Price.	7 Condr. O. D. In.	7 Condr. List Price.	10 Condr. O. D. In.	10 Condr. List Price.
22 3/32	.32	$38.76	.34	$54.81	.36	$66.93	.49	$87.24	.52	$109.71	.64	$150.00
20 3/32	.32	39.36	.34	55.71	.36	68.13	.49	88.77	.52	111.84	.64	153.03
19 3/32	.32	39.78	.34	56.34	.36	68.97	.49	89.82	.52	113.31	.64	155.16
22 7/64	.35	47.61	.37	64.26	.40	79.89	.53	102.99	.57	129.18	.70	178.53
20 7/64	.35	48.24	.37	65.19	.40	81.12	.53	104.52	.57	131.31	.70	181.59
19 7/64	.35	48.42	.37	65.46	.40	81.48	.53	104.97	.57	131.94	.70	182.49
18 7/64	.35	49.02	.37	66.36	.40	82.71	.53	106.50	.57	134.07	.70	185.55
22 4/32	.39	55.65	.41	75.30	.45	94.05	.59	106.50	.57	134.07	.70	185.55
20 4/32	.39	56.31	.41	76.29	.45	95.37	.59	121.50	.62	155.46	.75	211.65
19 4/32	.39	56.67	.41	76.83	.45	96.09	.59	122.40	.62	156.75	.75	213.48
18 4/32	.39	57.09	.41	77.49	.45	96.96	.59	123.48	.62	158.22	.75	215.61
16 4/32	.39	58.32	.41	79.29	.45	99.39	.59	126.51	.62	162.48	.75	221.70
18 5/32	.45	74.82	.48	102.81	.51	128.70	.66	162.93	.71	209.91	.87	290.07
16 5/32	.45	76.14	.48	104.82	.51	131.37	.66	166.26	.71	214.59	.87	296.76
14 5/32	.45	77.25	.48	106.47	.51	133.56	.66	169.02	.71	218.43	.87	302.25
18 6/32	.51	93.27	.54	130.02	.59	164.97	.75	207.69	.80	270.99	.99	376.38
16 6/32	.51	94.56	.54	131.94	.59	167.52	.75	210.90	.80	275.46	.99	382.77
14 6/32	.51	96.81	.54	135.30	.59	172.02	.75	216.51	.80	283.32	.99	394.05
12 6/32	.51	99.72	.54	139.68	.59	177.84	.75	223.83	.80	293.52	.99	408.66
16 7/32	.57	117.18	.61	163.59	.67	207.30	.83	261.27	.89	341.49	1.11	477.93
14 7/32	.57	119.37	.61	106.86	.67	211.68	.83	266.76	.89	349.14	1.11	488.91
12 7/32	.57	122.31	.61	171.24	.67	217.50	.83	272.05	.89	359.34	1.11	503.52
16 8/32	.63	144.33	.67	198.27	.74	243.21	.91	318.63	.98	420.48	1.23	589.71
14 8/33	.63	146.61	.67	201.66	.74	259.71	.91	324.24	.98	428.37	1.23	600.99
12 8/32	.63	149.46	.67	205.95	.74	265.41	.91	331.41	.98	438.36	1.23	615.30

Size. A. W. G.	12 Condr. O. D. In.	12 Condr. List Price.	15 Condr. O. D. In.	15 Condr. List Price.	19 Condr. O. D. In.	19 Condr. List Price.	20 Condr. O. D. In.	20 Condr. List Price.	25 Condr. O. D. In.	25 Condr. List Price.	30 Condr. O. D. In.	30 Condr. List Price.
22 3/32	.66	172.74	.68	206.04	.74	250.44	.74	260.88	.86	324.63	.90	382.17
20 3/32	.66	176.40	.68	210.60	.74	256.23	.74	266.97	.86	332.28	.90	391.35
19 3/32	.66	178.98	.68	213.81	.74	260.28	.74	271.23	.86	337.62	.90	397.77
22 7/64	.72	206.25	.75	246.51	.81	301.05	.81	313.80	.95	384.87	1.00	460.92
20 7/64	.72	209.91	.75	251.07	.81	306.84	.81	319.89	.95	401.52	1.00	470.10
19 7/64	.72	211.02	.75	252.45	.81	308.58	.81	321.72	.95	403.80	1.00	472.86
18 7/64	.72	214.68	.75	257.04	.81	314.37	.81	327.84	.95	411.45	1.00	487.04
22 4/32	.77	241.14	.81	290.19	.88	355.71	.88	370.71	1.01	461.85	1.07	542.82
20 4/32	.77	245.16	.81	295.20	.88	362.07	.88	377.40	1.01	470.28	1.07	552.93
19 4/32	.77	247.35	.31	297.96	.88	365.55	.88	381.06	1.01	474.87	1.07	558.42
18 4/32	.77	249.93	.81	301.17	.88	369.60	.88	385.32	1.01	480.21	1.07	564.84
16 4/32	.77	257.25	.81	310.32	.88	381.16	.88	397.53	1.01	495.51	1.07	583.23
18 5/32	.90	339.21	.94	410.16	1.03	504.36	1.03	526.56	1.19	657.39	1.26	777.48
16 5/32	.90	347.28	.94	420.21	1.03	517.08	1.03	539.97	1.19	674.22	1.26	797.67
14 5/32	.90	353.85	.94	428.46	1.03	577.52	1.03	550.95	1.19	675.99	1.26	814.20
18 6/32	1.02	440.85	1.07	536.07	1.18	663.54	1.18	693.36	1.37	862.89	1.45	1024.05
16 6/32	1.02	448.53	1.07	545.67	1.18	675.69	1.18	706.17	1.37	878.94	1.45	1043.34
14 6/32	1.02	462.09	1.07	562.59	1.18	697.11	1.18	728.73	1.37	907.26	1.45	1077.30
12 6/32	1.02	479.64	1.07	584.55	1.18	730.89	1.18	757.98	1.37	943.98	1.45	1121.37
16 7/32	1.15	562.29	1.21	684.27	1.33	849.24	1.33	888.54	1.55	1107.81	1.65	1316.52
14 7/32	1.15	575.46	1.21	700.74	1.33	867.09	1.33	910.47	1.55	1135.35	1.65	1349.58
12 7/32	1.15	593.04	1.21	722.70	1.33	897.87	1.33	939.75	1.55	1172.07	1.65	1393.65
16 8/32	1.27	693.00	1.34	843.78	1.48	1047.99	1.48	1096.38	1.73	1369.23	1.84	1623.27
14 8/32	1.27	706.56	1.34	860.70	1.48	1069.41	1.48	1118.94	1.73	1397.55	1.84	1637.53
12 8/32	1.27	723.75	1.34	882.21	1.48	1096.62	1.48	1147.59	1.73	1433.49	1.84	1700.40

Size. A. W. G.	37 Condr. O. D. In.	37 Condr. Price Per 1000 Ft.	40 Condr. O. D. In.	40 Condr. Price Per 1000 Ft.	50 Condr. O. D. In.	50 Condr. Price Per 1000 Ft.	61 Condr. O. D. In.	61 Condr. Price Per 1000 Ft.	75 Condr. O. D. In.	75 Condr. Price Per 1000 Ft.
22 3/32	.96	458.97	.96	492.21	1.10	610.92	1.18	734.13	1.32	896.91
20 3/32	.96	470.28	.96	504.30	1.10	624.75	1.18	752.82	1.32	920.01
19 3/32	.96	478.20	.96	512.88	1.10	636.99	1.18	765.90	1.32	936.18
22 7/64	1.06	553.92	1.06	594.78	1.22	739.44	1.31	889.68	1.47	1087.17
20 7/64	1.06	565.23	1.06	607.02	1.22	754.77	1.31	908.37	1.47	1110.27
19 7/64	1.06	568.62	1.06	610.71	1.22	759.36	1.31	913.98	1.47	1117.20
18 7/64	1.06	579.93	1.06	622.98	1.22	774.69	1.31	932.67	1.47	1140.30
22 3/32	1.14	656.19	1.14	702.51	1.29	874.17	1.40	1053.81	1.55	1287.90
20 4/32	1.14	668.64	1.14	715.98	1.29	891.03	1.40	1074.36	1.55	1313.31
19 4/32	1.14	675.42	1.14	723.33	1.29	900.24	1.40	1085.58	1.55	1327.17
18 4/32	1.14	683.84	1.14	731.91	1.29	910.95	1.40	1098.66	1.55	1343.34
16 4/32	1.14	705.96	1.14	756.42	1.29	941.61	1.40	1139.04	1.55	1389.54
18 5/32	1.35	941.10	1.35	1012.71	1.51	1256.97	1.67	1518.90	1.83	1863.06
16 5/32	1.35	966.00	1.35	1039.68	1.51	1290.69	1.67	1560.03	1.83	1913.88
14 5/32	1.35	986.34	1.35	1061.73	1.51	1318.29	1.67	1593.66	1.83	1955.46
18 6/32	1.56	1237.74	1.56	1335.87	1.78	1662.69	1.94	2008.29	2.16	2468.25
16 6/32	1.56	1264.47	1.56	1361.61	1.78	1694.88	1.94	2047.53	2.16	2523.36
14 6/32	1.56	1306.32	1.56	1406.94	1.78	1751.58	1.94	2116.68	2.16	2602.23
12 6/32	1.56	1360.62	1.56	1465.77	1.78	1825.17	1.94	2206.38	2.16	2713.11

OKONITE.

TELEPHONE AND TELEGRAPH WIRES.

LIST PRICE PER 1,000 FEET.

SOLID CONDUCTORS.

OKONITE TRADE MARK REG. U.S. PAT. OFFICE.

Size A.W.G.	Insulation.	Single Conductor: Plain.	Single Conductor: Braided.	Single Conductor: Double Braided.	Metallic Circuits (Twisted Pairs): Style No. 1.	Style No. 2.	Style No. 3.	Style No. 4.	Style No. 5.	Style No. 6.	Style No. 7.	Style No. 8.
22	Special	8.19	10.62	13.62	17.25	21.00	22.20	For Inside Wiring Only.				
22	3/32	9.93	12.42	15.42	20.79	24.33	25.53	24.57	30.33	41.43	30.09	44.19
22	7/64	12.21	15.21	18.48	25.65	29.55	31.80	29.88	36.24	48.45	35.91	49.62
22	4/32	14.70	17.49	21.03	30.45	34.74	35.94	35.19	42.15	55.47	41.70	55.02
20	Special	8.49	10.92	13.92	17.85	21.60	22.80	For Inside Wiring Only				
20	3/32	10.23	12.72	15.72	21.39	25.26	26.46	25.50	30.93	42.33	30.69	41.79
20	7/64	12.51	15.51	18.81	25.92	30.09	31.29	30.27	36.54	48.90	36.21	48.42
20	4/32	15.03	20.82	24.36	31.14	35.58	36.78	35.73	42.84	56.16	42.39	55.71
20	5/32	21.33	24.30	27.93	43.92	48.81	49.95	49.50	57.57	71.10	56.82	70.35
19	Special	9.27	11.70	14.70	19.14	23.19	24.39	For Inside Wiring Only.				
19	3/32	10.44	12.93	15.93	21.81	25.68	26.88	25.92	31.35	42.45	31.11	42.21
19	7/64	12.60	15.87	19.14	26.13	30.30	31.50	30.48	36.75	49.11	36.42	48.63
19	4/32	15.21	18.00	21.24	31.50	35.97	37.17	36.42	43.20	56.52	42.75	56.07
19	5/32	21.57	24.54	28.17	44.43	49.26	50.46	50.01	58.98	72.51	58.23	71.76
19	6/32	29.01	32.46	36.96	59.52	65.16	66.51	66.36	76.47	92.16	75.27	90.96
18	Special	10.08	12.66	15.66	21.09	25.14	26.34	For Inside Wiring Only.				
18	7/64	12.90	15.57	18.87	26.82	31.02	32.22	31.47	36.75	49.35	36.69	48.90
18	4/32	15.42	18.21	21.51	31.92	36.39	37.59	36.84	43.62	56.94	43.17	56.49
18	5/32	21.78	24.78	28.41	44.91	49.74	50.94	50.34	59.46	72.99	58.71	72.24
18	6/32	29.25	32.70	37.20	60.00	65.67	67.02	66.87	76.95	92.64	75.75	91.44
18	7/32	37.59	41.40	46.38	76.92	83.31	84.66	84.51	93.42	116.82	95.22	115.62
16	Special	12.51	15.51	18.66	26.64	30.90	32.10	For Inside Wiring Only.				
16	4/32	16.02	18.99	22.23	33.75	37.95	39.15	38.40	45.45	58.77	45.00	58.62
16	5/32	22.44	25.41	29.04	46.17	51.00	52.20	51.75	60.72	74.25	59.97	73.50
16	6/32	29.88	33.33	37.83	61.68	67.32	68.67	68.52	78.63	93.90	77.43	93.12
16	7/32	38.22	42.03	47.01	78.21	84.57	85.92	85.77	97.71	118.11	96.51	116.76
16	8/32	47.46	52.86	59.13	96.96	106.59	107.94	108.54	119.91	141.36	117.96	139.41
14	Special	17.10	20.07	23.52	35.34	40.17	41.37	For Inside Wiring Only.				
14	5/32	22.98	26.07	29.70	48.24	53.07	54.27	53.79	62.79	76.32	62.04	75.57
14	6/32	30.99	34.74	39.24	63.54	69.18	70.53	70.38	80.49	96.18	79.29	94.98
14	7/32	39.30	43.11	48.09	80.40	86.79	88.14	87.99	100.20	120.30	98.70	119.10
14	8/32	48.57	53.97	60.54	99.21	108.84	110.19	110.79	122.16	143.91	120.21	141.96
14	9/32	60.84	66.69	73.47	124.14	134.52	136.02	136.47	148.59	174.33	146.64	172.38
12	5/32	32.43	35.88	40.38	66.45	72.12	73.47	73.32	83.40	99.09	82.20	97.89
12	7/32	40.74	44.55	49.53	83.31	89.70	91.05	90.90	99.81	120.21	98.61	119.01
12	8/32	49.98	55.38	61.65	102.09	111.69	113.04	113.64	125.04	146.79	123.09	144.84
12	9/32	62.28	68.13	74.91	127.02	137.40	138.90	139.35	151.41	177.21	148.62	175.26
12	10/32	74.19	80.52	87.69	151.23	162.57	164.07	166.17	179.58	207.96	175.98	204.36
10	7/32	43.47	47.37	52.35	88.86	94.95	96.60	96.15	108.36	128.76	107.16	127.56
10	8/32	52.71	58.11	64.38	107.64	117.24	118.59	119.19	130.59	152.34	128.58	150.39
10	9/32	64.98	70.83	77.61	132.51	142.89	144.39	144.84	156.96	182.70	155.01	180.75
10	10/32	76.92	83.25	90.42	156.78	165.12	166.62	168.72	185.13	213.51	181.53	209.91

Style No. 1—Two Twisted Conductors: Each conductor Plain Insulation.

Style No. 2—Two Twisted Conductors: Each conductor Plain Insulation. Braided over the outside—without jute.

Style No. 3—Two Twisted Conductors: Each conductor braided.

Style No. 4—Two Twisted Conductors: Each conductor Plain Insulation. Juted and braided over the outside.

Style No. 5—Two Twisted Conductors: Each conductor Plain Insulation. Juted and wrapped with two reverse layers of tape.

Style No. 6—Two Twisted Conductors: Each conductor Plain Insulation. Juted and wrapped with extra standard covering. For underground work.

Style No. 7—Two Twisted Conductors: Each conductor Plain Insulation. No jute. Wrapped with two reverse layers of tape.

Style No. 8—Two Twisted Conductors: Each conductor Plain Insulation. No jute. Extra standard covering. For underground work.

OKONITE.

SWITCH CORDS.

FLEXIBLE CONDUCTORS.

List Price per 1,000 Feet

LOW POTENTIAL.

600 Volts.

OKONITE
TRADE MARK
REG. U.S. PAT. OFFICE.

Code Word.	List No.	Size A. W. G.	Thickness of Wall.	Single Braid.	Taped and Braided or Double Braid.
Zabina	20534	18	2/64 inch	18.99	22.02
Zabinab	20535	17	2/64 inch	20.73	23.85
Zabinac	20536	16	2/64 inch	21.57	24.69
Zabinad	20537	15	2/64 inch	23.82	27.06
Zabinaf	20538	14	3/64 inch	34.71	38.40
Zabinag	20539	13	3/64 inch	38.88	42.63
Zabinah	20540	12	3/64 inch	45.18	50.13
Zabinak	20541	11	3/64 inch	52.71	58.14
Zabinal	20542	10	3/64 inch	63.72	69.30
Zabinam	20543	9	3/64 inch	73.02	79.08
Zabinan	20544	8	3/64 inch	76.50	82.92
Zabinap	20545	7	4/64 inch	98.82	105.87
Zabinar	20546	6	4/64 inch	118.38	125.67
Zabinas	20547	5	4/64 inch	131.94	139.56
Zabinat	20548	4	4/64 inch	151.68	159.69
Zabinav	20549	3	4/64 inch	172.47	180.90
Zabinaw	20550	2	4/64 inch	197.40	206.16
Zabinax	20551	1	5/64 inch	257.40	268.77
Zabinay	20552	1/0	5/64 inch	329.19	341.82
Zabinaz	20553	2/0	5/64 inch	388.47	407.85
Zabine	20554	3/0	5/64 inch	453.06	467.28
Zabineb	20555	4/0	5/64 inch	530.94	546.15
		Circular Mills.			
Zabinec	20556	100000	5/64 inch	290.31	302.31
Zabined	20557	150000	5/64 inch	391.68	405.06
Zabinef	20558	200000	5/64 inch	453.42	467.64
Zabineg	20559	250000	6/64 inch	570.51	586.38
Zabineh	20560	300000	6/64 inch	663.90	680.73
Zabinek	20561	350000	6/64 inch	744.36	761.70
Zabinel	20562	400000	6/64 inch	897.69	916.11
Zabinem	20563	450000	6/64 inch	959.64	979.74
Zabinen	20564	500000	6/64 inch	1087.08	1108.56

MEDIUM POTENTIAL.

3,500 Volts.

Zabinep	20565	18	3/32 inch	55.05	61.11
Zabiner	20566	17	3/32 inch	56.52	62.79
Zabines	20567	16	3/32 inch	59.52	65.88
Zabinet	20568	15	3/32 inch	61.62	67.98
Zabinev	20569	14	3/32 inch	65.97	72.60
Zabinew	20570	13	3/32 inch	70.80	77.52
Zabinex	20571	12	3/32 inch	78.87	85.80
Zabiney	20572	11	3/32 inch	86.58	93.63
Zabinez	20573	10	3/32 inch	97.44	104.70
Zabini	20574	9	3/32 inch	111.60	119.13
Zabinib	20575	8	3/32 inch	115.98	123.63
Zabinic	20576	7	3/32 inch	127.50	135.45
Zabinid	20577	6	3/32 inch	149.22	157.44
Zabinif	20578	5	3/32 inch	163.29	171.81
Zabinig	20579	4	3/32 inch	184.95	193.80
Zabinih	20580	3	3/32 inch	208.05	218.79
Zabinik	20581	2	3/32 inch	238.29	249.51
Zabinil	20582	1	3/32 inch	272.22	284.22
Zabinim	20583	1/0	3/32 inch	359.67	372.96
Zabinin	20584	2/0	3/32 inch	416.46	430.44
Zabinip	20585	3/0	3/32 inch	485.76	500.61
Zabinir	20586	4/0	3/32 inch	560.25	575.97
		Circular Mills.			
Zabinis	20587	100000	3/32 inch	311.94	324.42
Zabinit	20588	150000	3/32 inch	416.43	430.23
Zabiniv	20589	200000	3/32 inch	489.45	504.30
Zabiniw	20590	250000	3/32 inch	570.51	586.38
Zabinix	20591	300000	3/32 inch	663.90	680.73
Zabiniy	20592	350000	3/32 inch	744.36	761.70
Zabiniz	20593	400000	3/32 inch	897.69	916.11
Zabino	20594	450000	3/32 inch	959.64	979.74
Zabinob	20595	500000	3/32 inch	1087.08	1108.56

OKONITE.

ELECTROLIER WIRE.

TRADE MARK REG. U.S. PAT. OFFICE.

National Electrical Code Standard.

TRADE MARK REG. U.S. PAT. OFFICE.

List Price Per 1000 Feet.

Solid Conductors. Saturated Braid.

Code Word.	List No.	Size A. W. G.	Thickness of Wall.	Single Conductors—Plain.	Single Conductors—Taped or Braided.	Double Conductors—Parallel Taped or Brd.	Double Conductors—Twisted Taped or Brd.
Zabiloh	20473	22	1/32 in.	$8.19	$11.19	$20.04	$22.20
Zabilok	20474	20	1/32 in.	10.23	12.72	24.51	26.46
Zabilol	20475	19	1/32 in.	10.44	12.93	25.05	27.00
Zabilom	20476	18	1/32 in.	11.22	13.71	26.70	28.50
Zabilon	20477	16	1/32 in.	13.26	15.90	31.20	33.00
Zabilop	20478	14	3/64 in.	22.98	26.07	51.21	54.27
Zabilor	20479	12	3/64 in.	27.78	31.11	61.44	63.90
Zabilos	20480	10	3/64 in.	37.05	40.68	80.16	83.10
Zabilot	20481	8	3/64 in.	47.76	51.57	102.30	105.30

COTTON WOUND FLEXIBLE CONDUCTORS.

Saturated Braid.

Zabilov	20482	22	1/32 in.	14.40	17.31	32.82	35.70
Zabilow	20483	20	1/32 in.	16.05	19.05	36.45	39.33
Zabilox	20484	19	1/32 in.	16.80	19.80	38.10	41.10
Zabiloy	20485	18	1/32 in.	21.57	24.72	47.64	50.82
Zabiloz	20486	16	1/32 in.	24.60	27.90	53.85	57.24
Zabilu	20487	14	3/64 in.	36.60	39.93	79.20	81.75
Zabilub	20488	12	3/64 in.	48.00	51.54	102.06	105.30
Zabiluc	20489	10	3/64 in.	66.90	70.71	140.70	143.40
Zabilud	20490	8	3/64 in.	79.50	84.93	166.50	173.10

OLD STYLE.

Solid Conductors. Saturated Braid.

Zabiluf	20491	22	8.19	11.19	20.04	22.20
Zabilug	20492	20	8.49	11.52	20.70	22.80
Zabiluh	20493	19	9.27	12.45	22.44	24.39
Zabiluk	20494	18	10.08	13.41	24.21	26.37
Zabilul	20495	16	12.81	16.23	30.21	32.10
Zabilum	20496	14	17.10	20.10	39.45	41.34
Zabilun	20497	12	24.96	27.93	55.20	57.30
Zabilup	20498	10	35.79	39.33	77.70	80.70
Zabilur	20499	8	47.76	51.57	102.30	105.30

OKONITE.

LAMP CORDS.

National Electrical Code Standard.

List Price Per 1000 Feet.

COTTON WOUND FLEXIBLE CONDUCTORS.

Code Word.	List No.	Size A. W. G.	Thickness of Wall. Inches.	Single Conductors. Plain.	Single Conductors. Cotton Braid.	Single Conductors. Silk Braid.	Double Conductors. Parallel. Cotton Braid.	Double Conductors. Parallel. Silk Braid.	Double Conductors. Twisted. Plain.	Double Conductors. Twisted. Cotton Braid.	Double Conductors. Twisted. Silk Braid.
Zabimoh	20500	22	1/32	14.46	17.31	21.27	32.82	39.51	30.00	35.70	43.80
Zabimok	20501	20	1/32	16.05	19.05	23.67	36.45	43.50	33.18	39.33	48.78
Zabimol	20502	19	1/32	16.80	19.80	24.60	38.10	45.30	37.80	41.10	50.70
Zabimom	20503	18	1/32	21.57	24.72	29.70	47.64	55.38	44.40	50.82	60.93
Zabimon	20504	16	1/32	24.60	27.90	35.28	53.85	63.09	50.55	57.24	72.27
Zabimop	20505	14	1/32	30.69	33.87	40.68	65.79	75.84	62.91	69.36	83.19
Zabimor	20506	12	1/32	39.72	43.47	51.12	84.54	95.94	81.30	89.10	104.40
Zabimos	20507	10	1/32	59.49	63.39	70.89	124.08	136.98	121.44	129.24	144.54
Zabimot	20508	8	1/32	73.50	77.40	89.40	154.50	169.50	150.00	157.80	182.40

OLD STYLE.

FLEXIBLE CONDUCTORS.

Code Word.	List No.	Size A. W. G.	Single Conductors. Plain	Single Conductors. Cotton Braid.	Single Conductors. Silk Braid.	Double Conductors. Parallel. Cotton Braid.	Double Conductors. Parallel. Silk Braid.	Double Conductors. Twisted. Plain.	Double Conductors. Twisted. Cotton Braid.	Double Conductors. Twisted. Silk Braid.
Zabimov	20509	22	8.58	10.98	14.40	20.61	26.10	18.03	22.92	29.85
Zabimow	20510	20	9.87	12.42	16.17	23.49	29.49	20.67	25.83	33.45
Zabimox	20511	19	10.50	13.20	16.95	24.60	31.05	21.96	27.42	35.01
Zabimoy	20512	18	13.53	16.38	20.34	30.96	37.65	28.08	33.87	41.94
Zabimoz	20513	16	16.83	19.83	24.45	38.01	45.06	34.77	40.86	50.25
Zabimu	20514	14	20.73	23.88	28.86	45.96	53.70	42.69	49.08	59.19
Zabimub	20515	12	30.48	33.78	40.59	65.61	75.66	62.49	69.18	82.86
Zabimuc	20516	10	45.27	49.02	57.18	95.94	107.93	92.52	100.11	116.67
Zabimud	20517	8	60.87	64.11	73.65	125.67	139.17	123.99	132.81	155.19

RE-ENFORCED LAMP CORD.

Two Conductors (N. E. C. S. Lamp Cord), each braided and twisted together, filled, covered with 1/32 inch wall of insulation over all, and braided.

COTTON WOUND FLEXIBLE CONDUCTORS.

Code Word.	List No.	Size. A. W. G.	Cotton Braid Saturated. Total O. D.	Cotton Braid Saturated. Price.	Silk Braid. Total O. D.	Silk Braid. Price.
Zabimug	20518	18	.360 in.	87.00	.330 in.	108.00
Zabimuh	20519	16	.380 in.	96.00	.350 in.	117.00
Zabimuk	20520	14	.410 in.	115.50	.380 in.	141.00
Zabimul	20521	12	.450 in.	144.00	.420 in.	174.00

TRADE MARK
REG. U.S. PAT. OFFICE.

OKONITE.

LAMP CORDS.

List Price per 1,000 Feet.

TRADE MARK
REG. U.S. PAT. OFFICE.

PACKING HOUSE LAMP CORD.

Two conductors (N. E. C. S. Lamp Cord), each braided and twisted together, laid up with jute to make round, and three braids over all.

Cotton Wound Flexible Conductors.

Code Word.	List No.	Size A. W. G.	Total O. D.	List Price.
Zabimum	20522	18	.420 in.	66.00
Zabimun	20523	16	.440 in.	78.00
Zabimup	20524	14	.470 in.	93.00
Zabimur	20525	12	.500 in.	114.00

BREWERY LAMP CORD.

Two conductors (Lamp Cord), each braided and twisted together, laid up with jute to make round, and three braids over all.

Flexible Conductors.

Zabimus	20526	22	.340 in.	34.50
Zabimut	20527	20	.360 in.	38.49
Zabimuv	20528	18	.380 in.	47.13
Zabimuw	20529	16	.400 in.	55.11
Zabimux	20530	14	.420 in.	64.47
Zabimuy	20531	12	.480 in.	85.92
Zabimuz	20532	10	.540 in.	121.41

CANDEE PATENTED POTHEADS.

Cable Terminals.

10 to 25 Pairs, One Extra Pair. 30 to 120 Pairs, Two Extra Pairs.

Price List:

	10Prs.	15Prs.	20Prs.	25Prs.	30Prs.	50Prs.	60Prs.	75Prs.	90Prs.	100Prs.	120Prs.	150Prs.
22 A.W.G. 3/32" Ins.												
Okonite End 30 in.	$5.52	$5.91	$7.32	$8.46	$9.91	$14.07	$15.54	$17.91	$20.46	$23.58	$27.57	$35.97
Okonite End 36 in.	5.64	6.09	7.56	8.76	10.29	14.67	16.26	18.81	21.51	24.75	28.98	37.71
Okonite End 42 in.	5.76	6.27	7.80	9.06	10.65	15.27	16.98	19.71	22.56	25.92	30.39	39.45
Okonite End 54 in.	6.00	6.63	8.28	9.66	11.37	16.47	18.42	21.51	24.66	28.26	33.21	42.93
Okonite End 60 in.	6.15	6.84	8.52	9.96	11.76	17.04	19.38	22.29	25.68	29.37	34.20	44.61
Okonite End 84 in.	6.66	7.56	9.48	11.13	13.20	19.38	21.87	25.77	29.85	33.99	40.02	51.51
20 A.W.G. 3/32" Ins.												
Okonite End 30 in.	5.55	5.94	7.38	8.52	9.97	14.19	15.69	18.12	20.70	23.85	27.87	....
Okonite End 36 in.	5.67	6.12	7.62	8.82	10.35	14.79	16.41	19.02	21.75	25.02	29.28	....
Okonite End 42 in.	5.79	6.30	7.86	9.12	10.71	15.39	17.13	19.92	22.80	26.19	30.69	....
Okonite End 54 in.	6.03	6.66	8.34	9.72	11.43	16.59	18.57	21.72	24.90	28.53	33.54	....
Okonite End 60 in.	6.18	6.87	8.58	10.02	11.82	17.16	19.53	22.50	35.92	29.64	34.50	....
Okonite End 84 in.	6.69	7.59	9.54	11.19	13.26	19.50	22.02	25.98	30.09	34.26	40.32	....
19 A.W.G. 3/32" Ins.												
Okonite End 30 in.	5.58	5.97	7.41	8.55	10.00	14.28	15.78	18.21	20.82	24.00	28.05	....
Okonite End 36 in.	5.70	6.15	7.65	8.85	10.38	14.88	16.50	19.11	21.87	25.17	29.46	....
Okonite End 42 in.	5.82	6.33	7.89	9.15	10.74	15.48	17.22	20.01	22.92	26.34	30.87	....
Okonite End 54 in.	6.00	6.69	8.37	9.75	11.46	16.68	18.66	21.81	25.02	28.68	33.72	....
Okonite End 60 in.	6.21	6.90	8.61	10.05	11.85	17.25	19.62	22.50	26.04	29.79	34.68	....
Okonite End 84 in.	6.72	7.62	9.57	11.22	13.29	19.59	22.11	25.98	30.21	34.41	40.50	....
20 A.W.G. 4/32" Ins.												
Okonite End 30 in.	6.27	6.84	8.58	9.90	11.73	16.32	18.33	21.39	24.72	30.75	33.87	....
Okonite End 36 in.	6.48	7.11	8.94	10.35	12.27	17.19	19.38	22.65	26.25	32.46	35.91	....
Okonite End 42 in.	6.69	7.38	9.30	10.80	12.81	18.06	20.43	23.91	27.78	34.17	37.95	....
Okonite End 54 in.	7.11	7.92	10.02	11.70	13.89	19.80	22.53	26.43	30.84	37.59	39.03	....
Okonite End 60 in.	7.26	8.19	10.32	12.09	14.43	20.70	23.55	27.87	32.46	39.33	44.13	....
Okonite End 84 in.	7.95	9.27	11.73	14.10	16.56	24.15	27.66	33.00	38.58	46.11	52.23	....
19 A.W.G. 4/32" Ins.												
Okonite End 30 in.	6.30	6.87	8.61	9.93	11.79	16.41	18.42	21.51	24.90	30.87	34.17	....
Okonite End 36 in.	6.51	7.14	8.97	10.38	12.33	17.28	19.47	22.77	26.43	32.58	36.21	....
Okonite End 42 in.	6.72	7.41	9.33	10.83	12.87	18.15	20.52	24.03	27.96	34.29	38.25	....
Okonite End 54 in.	7.14	7.95	10.05	11.73	13.95	19.89	22.62	26.55	31.02	37.71	39.33	....
Okonite End 60 in.	7.29	8.22	10.35	12.12	14.49	20.79	23.64	27.99	32.64	39.45	44.43	....
Okonite End 84 in.	7.98	9.30	12.03	14.13	16.62	24.24	27.75	33.12	38.76	46.23	52.53	....
18 A.W.G. 4/32" Ins.												
Okonite End 30 in.	6.33	6.90	8.64	9.99	11.85	16.50	18.54	21.66	25.08	31.11	34.41	....
Okonite End 36 in.	6.54	7.17	9.00	10.44	12.39	17.35	19.59	22.86	26.58	32.82	36.45	....
Okonite End 42 in.	6.75	7.44	9.36	10.89	12.93	18.24	20.64	24.18	28.14	34.53	38.49	....
Okonite End 54 in.	7.17	7.98	10.08	11.79	14.01	19.98	22.74	26.70	31.20	37.95	39.57	....
Okonite End 60 in.	7.32	8.25	10.38	12.18	14.55	20.88	23.76	28.14	32.82	39.69	44.67	....
Okonite End 84 in.	8.01	9.33	12.06	14.19	16.68	24.27	27.90	33.27	32.94	46.47	52.77	....

The only safe connecting link between a paper cable and rubber or waterproof cable, overhead line distribution, underground distribution or switchboard connections.

These Potheads or Terminals are thoroughly water and moisture proof, great care being exercised in their manufacture.

With our system of testing it is absolutely impossible for an imperfect Pothead to pass our inspector.

OKONITE TRADE MARK REG. U.S. PAT. OFFICE

OKONITE DUPLEX ARC LAMP CABLE.

OKONITE TRADE MARK REG. U.S. PAT. OFFICE

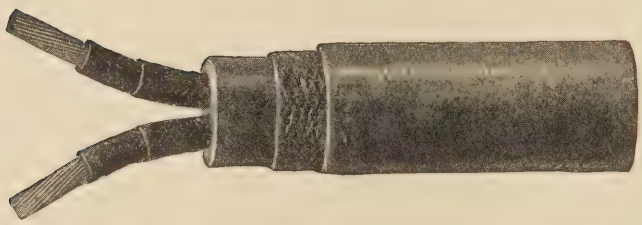
This cable is especially made for use in connecting arc lamps when either suspended or on mast arms.

1 Conductor Red—1 Conductor Black. Laid up Parallel with Jute Single Braid.

Code Word.	List No.	Sizes,		List Price Per 1000 Ft.
Zabacup	47137	12	Extra Flexible	$90.90
Zabacur	47138	10	Extra Flexible	126.00
Zabacus	47139	8	Extra Flexible	150.93
Zabacut	47140	6	Extra Flexible	236.10
Zabacuv	47141	4	Extra Flexible	301.80

OKONITE DUPLEX SPECIAL CABLE.

Extra Heavy Insulation.



This cable is especially adapted for use in connecting and wiring Tungsten Street Fixtures, also for use where flexibility and high insulation is required.

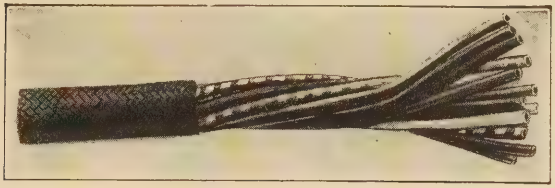
Zabacuw	47142	10	Oval Shape	312.00
Zabacux	47143	10	Round Shape	372.00

CABLES.

OFFICE ANNUNCIATOR CABLES.

Paraffine Compound Finish.

Prices Per Pound.



Code Word.	List No.		List Price Per Lb
Zafoxad	37747	Single Conductors	$0.49
Zafoxaf	37748	Twin Conductors	.51

These cables are for interior use under conditions of perfect dryness, as found in office buildings, hotels, etc. They are made up of any number of No. 18 annunciator wires cabled singly or in twisted pairs and color coded, that is each conductor insulated with a different color. The cable is protected with a heavy outside braid, thoroughly saturated in paraffine and polished.

Approximate Feet Per Pound No. 18 Office Annunciator Cable.

No. of Conds.	Ft. per Pound.	No. of Conds.	Ft. per Pound.	No. of Conds.	Ft. per Pound.	No. of Conds.	Ft. per Pound
2	60	12	11	22	6	38	3¾
4	26	14	10	24	5½	40	3½
6	20	16	9	26	5	46	3
8	16	18	8	30	4½	50	2¾
10	13	20	7	34	4	100	1½

WEATHERPROOF ANNUNCIATOR CABLES.

Rubber Taped and Weatherproof Compound Finish.

Zafoxag	37749	Single Conductors	0.57
Zafoxah	37750	Twin Conductors	.59

These cables are for interior use where provision must be made for dampness and moisture.

They are made of any number of No. 18 annunciator wires, same as the office annunciator cables on the preceding page and saturated in our paraffine compound. The cable is then wrapped with our Rubber Friction Tape, over which is a stout cotton braid which we saturate with our black weatherproof compound.

The number of feet per pound runs slightly less than office annunciator cables on account of the tapeing.

ELEVATOR ANNUNCIATOR CABLES.

Designed for connecting the annunciator in an elevator car with the signal push buttons on different floors.

This is a dry cable composed of standard copper conductors with textile insulation, cabled about a jute core to afford the greatest tensile strength and flexibility.

Zafoxak	37751	Per Conductor per foot	.03

WIRE AND CABLE

MAGNET WIRE.

WOUND WITH COTTON OR SILK.

American or Brown & Sharpe Gauge.

No.	List Price, Cotton Wound. Single.	Double.	List Price, Silk Wound. Single.	Double.
0000 to 4	$ .44	$ .45		
5 and 6	.44	.45		
7 and 8	.44	.47		
9 and 10	.46	.48½		
11 and 12	.48	.52		
13 and 14	.54	.58		
15 and 16	.59	.60	1.12	1.53
17 and 18	.59	.65½	1.15	1.53
19	.60	.71½	1.15	1.57
20	.68	.74	1.18	1.61
21	.70	.88	1.20	1.63
22	.76	.95	1.30	1.76
23	.83	1.05	1.42	1.93
24	.90	1.14	1.56	2.13
25	1.00	1.27	1.81	2.48
26	$1.10	$1.38	$2.10	$2.88
27	1.25	1.57	2.25	3.07
28	1.35	1.69	2.38	3.23
29	1.50	1.89	2.75	3.76
30	1.65	2.07	2.95	4.02
31	1.80	2.23	3.25	4.40
32	1.95	2.28	3.45	4.53
33	2.40	2.85	3.90	5.10
34	2.85	3.42	4.10	5.30
35	3.25	3.88	5.85	7.78
36	4.37	4.93	7.00	8.80
37	6.75	7.25	11.00	13.63
38	9.00	9.50	13.00	14.50
39	11.00	12.00	15.00	18.00
40	13.00	15.00	20.00	23.00

GERMAN SILVER RESISTANCE WIRE.

WOUND WITH COTTON OR SILK.

American or Brown & Sharpe Gauge.

No.	List Price, Cotton Wound. Single.	Double.	List Price, Silk Wound. Single.	Double.
16	$1.40	$1.70	$1.85	$2.38
17	1.40	1.70	1.85	2.38
18	1.40	1.70	1.85	2.38
19	1.40	1.70	1.85	2.38
20	1.42	1.74	1.88	2.43
21	1.44	1.75	1.93	2.48
22	1.52	1.83	2.06	2.64
23	1.62	1.98	2.21	2.87
24	1.71	2.09	2.37	3.08
25	1.84	2.26	2.65	3.48
26	2.05	2.48	3.02	3.93
27	2.25	2.73	3.23	4.20
28	2.45	2.98	3.42	4.43
29	$2.60	$3.13	$3.85	$5.00
30	2.84	3.38	4.14	5.33
31	3.09	3.66	4.52	5.81
32	3.59	4.21	4.94	6.23
33	3.96	4.64	5.46	6.89
34	4.61	5.44	5.84	7.29
35	5.01	5.69	7.52	9.45
36	8.09	8.88	10.00	11.75
37	13.00	13.75	18.50	22.00
38	24.00	27.00	28.00	33.00
39	27.00	30.00	30.00	40.00
40	30.00	33.00	45.00	50.00

The above prices are based upon the use of 18 per cent German Silver Wire, which is generally employed; but we also manufacture 30 per cent wire when required.

List prices for 30 per cent same as above.

"DELTABESTON" MAGNET WIRE.

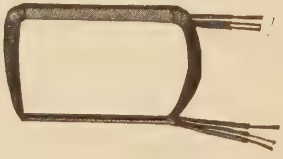
INSULATED WITH PURE ASBESTOS.

(Patented.)

Code Word.	List No.	Size B. & S.	List Price Per Lb.	Code Word.	List No.	Size B. & S.	List Price Per Lb.
Zabudem	11718	0	$0.30	Zabudic	11737	13	$0.40
Zabuden	11719	1	.30	Zabudid	11738	14	.42
Zabudep	11720	2	.30	Zabudif	11739	15	.45
Zabuder	11721	3	.30	Zabudig	11740	16	.48
Zabudes	11722	4	.30	Zabudih	11741	17	.52
Zabudet	11723	5	.31	Zabudik	11742	18	.57
Zabudev	11724	6	.32	Zabudil	11751	19	.68
Zabudew	11727	7	.33	Zabudim	11752	20	.78
Zabudex	11728	8	.34	Zabudin	11753	21	1.00
Zabudey	11731	9	.35	Zabudip	11754	22	1.30
Zabudez	11732	10	.36	Zabudir	11755	23	1.60
Zabudi	11735	11	.37	Zabudis	11756	24	1.80
Zabudib	11736	12	.38	Zabudit	11757	25	2.00

In Lots of Less Than 100 Lbs. List Advanced 10 per cent.

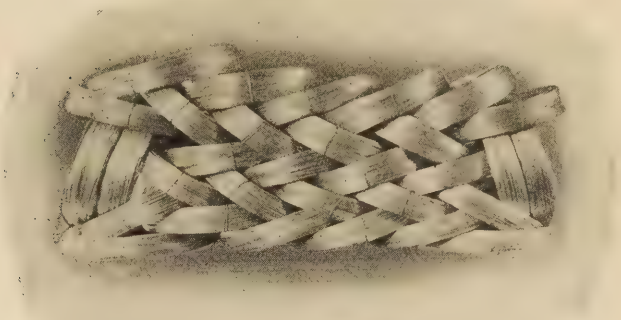
"DELTABESTON" MAGNET COILS.



Insulated with pure Asbestos materials throughout. Treatment by our new process renders coils both heat-proof and moisture-proof. Prepared to estimate upon coils of every description.

GALVANIZED WIRES AND STRANDS.

DOUBLE GALVANIZED TELEPHONE AND TELEGRAPH WIRE.



"Extra Best Best" (E. B. B.).—Made by improved continuous process from the very best iron. It stands highest of any telegraph wire in conductivity, with a weight per mile ohm of from 4,600 to 5,100 pounds. Uniform in quality, pure, tough and pliable.

"Best Best" (B. B.).—Less uniform and tough than the above mentioned, but stands a good mechanical test. Weight per mile ohm, 5,500 to 5,800 pounds. Is largely used by telegraph companies and in railway telegraph service.

"Steel" (or Homogeneous Metal).—More expressly designed for short line telephone service, where a measure of conductivity can be exchanged for tensile strength in a light wire. Weight per mile ohm, 6,000 to 7,000 pounds.

Sold only in full coils. No. 4 B. W. G. put up in ¼ mile coils; No. 6 in ⅓ mile coils; 8 to 14 in ½ mile coils.

EXTRA B. B. IRON.

Code Word.	List No.	Size, B. W. G.	Weight in Pounds, Per Mile.	Put Up in Bundles of	Average Resistance in Ohms.	List Price, Per 100 Lbs.
Zadoyal	31912	4	730	¼ mile	6.44	$5.25
Zadoyam	31913	6	540	⅓ mile	8.70	5.25
Zadoyan	31914	8	380	½ mile	12.37	5.25
Zadoyap	31915	9	320	½ mile	14.69	5.25
Zadoyar	31916	10	260	½ mile	18.08	5.37½
Zadoyas	31917	12	165	½ mile	28.48	5.50
Zadoyat	31918	14	96	½ mile	48.96	5.75

B. B. IRON.

Zadoyav	31919	4	730	¼ mile	7.53	4.25
Zadoyaw	31920	6	540	⅓ mile	10.19	4.25
Zadoyax	31921	8	380	½ mile	14.47	4.25
Zadoyay	31922	9	320	½ mile	17.19	4.25
Zadoyaz	31923	10	260	½ mile	21.15	4.37½
Zadoye	31924	12	165	½ mile	33.33	4.50
Zadoyeb	31925	14	96	½ mile	57.29	4.75

STEEL.

Zadoyec	31926	4	730	¼ mile	8.90	3.50
Zadoyed	31927	6	540	⅓ mile	12.04	3.50
Zadoyef	31928	8	380	½ mile	17.10	3.50
Zadoyeg	31929	9	320	½ mile	20.31	3.50
Zadoyeh	31920	10	260	½ mile	25.00	3.62½
Zadoyek	31931	12	165	½ mile	39.39	3.75
Zadoyel	31932	14	96	½ mile	67.71	4.00

GALVANIZED WIRES AND STRANDS.

GALVANIZED MAST ARM ROPE.

Four Wires to the Strand. Nine Strands. One Cotton Core.

Code Word.	List No.	Diam., Inches.	Weight per Ft.	Breaking Strain.	List Price, per Foot.
Zusov	46387	⅜	0.195 lbs	3,450 lbs.	$0.05
Zusow	46388	5-16	0.111 lbs.	1,950 lbs.	.03½
Zusox	46389	¼	0.082 lbs.	1,450 lbs.	.02¾

GALVANIZED ARC LAMP CORDAGE.

With Hemp Center. Six Strands, 7 Wires Eeach.

		Approx. Diam., Inches.	Circ. in Inches.	Weight per Ft. in Pounds.	Approx. Brkg. Strain in Tons of 2000 Pounds.	Circ. in Ins. of New Manila Rope of Equal Strength.	
Zusoz	46390	9-32	⅞	0.123	1.1	1¾	.03½
Zusu	46391	¼	¾	0.090	0.81	1½	.03
Zusub	46392	7-32	⅝	0.063	0.56	1¼	.02¾
Zusud	46393	3-16	½	0.040	0.36	1⅛	.02¼

When made with wire center add 10 per cent to price per foot.

GALVANIZED STEEL WIRE STRAND OR SIGNAL STRAND.

For Guying Poles and for Span Wire in Electric Light and Railway Service.

Composed of 7 wires twisted together.

		Diam., Inches.	Seven Wires of No.	Weight per 100 Ft. in Lbs. Single Galv.	Weight per 100 Ft. in Lbs. Double Galv.	Approx. Breaking Strain in Lbs.	Per 100 Ft.
Zacunud	3929	½	8	50	52	8,320	4.50
Zacunuf	3930	7-16	10	38	39	6,000	3.75
Zacunug	3931	⅜	11	28	28	4,700	2.75
Zacunuh	3932	5-16	12	19	20	3,300	2.25
Zacunuk	3933	¼	15	12½	13	1,750	1.75

GALVANIZED MESSENGER STRAND.

Composed of No. 8 B. W. G. Wires twisted together

			Approx. Weight per Mile.	Approx. Weight per 1000 Ft.	Tensile Strength per 1000 Ft.	
Zacunul	3934	Two Strand.....	792 lbs.	150 lbs.	2150 lbs.	1.50
Zacunum	3935	Three Strand....	1188 lbs	225 lbs.	3225 lbs.	2.25

SIEMENS-MARTIN HIGH STRENGTH AND EXTRA HIGH STRENGTH DOUBLE GALVANIZED STRAND WIRE.

Weights and stranding same as double galvanized steel strand.

	Siemens-Martin.			High Strength.			Extra High Strength.		
Diam., Inches.		Breaking Strength.	Per 100 Ft.		Breaking Strength.	Per 100 Ft.		Breaking Strength.	Per 100 Ft.
½	Zacunun	11000	2.70	Zacunuv	18000	3.95	Zaducog	27000	5.50
7-16	Zacunup	9000	2.20	Zacunuw	15000	3.45	Zaducoh	22500	4.60
⅜	Zacunur	6800	1.75	Zacunux	11500	2.70	Zaducok	17250	3.55
5-16	Zacunus	4869	1.30	Zacunuy	8100	2.10	Zaducol	12100	2.70
¼	Zacunut	3050	.95	Zacunuz	5100	1.50	Zaducom	7600	1.90

The breaking strength of Siemens-Martin Strand is 90,000 pounds per square inch, high strength 150,000 pounds per square inch, and extra high strength 225,000 pounds per square inch.

WIRE AND CABLES.

BINDING WIRE. TINNED STEEL BINDING WIRE. HAS NO EQUAL FOR ARMATURE BINDING. HIGH TENSILE STRENGTH.

Code Word.	List No.	B. & S. Guage.	List Pr. Per Lb.	Code Word.	List No.	B. & S. Guage.	List Pr. Per Lb.
Zafilaf	1415	10-16.....	$0.23	Zafilan	1421	23.....	$0.29
Zafilag	1416	17-18.....	.23½	Zafilap	1422	24.....	.30
Zafilah	1417	19	.24½	Zafilar	1423	25.....	.32
Zafilak	1418	20	.26¼	Zafilas	1424	26.....	.34
Zafilal	1419	21	.27	Zafilat	15723	27.....	.38
Zafilam	1420	22	.28	Zafilav	15724	28.....	.45

No. 20 and finer put up on 10-lb. spools. For spooling heavier sizes an extra charge is made.

BRASS BINDING WIRE.

		Guage.	Diam.				Guage.	Diam.	
Zafilaw	15731	To 10	.101890....	.58	Zafileg	15742	26	.015940....	.78
Zafilax	15732	11-16	.050820....	.60	Zafileh	15743	27	.014915....	.84
Zafilay	15733	17	.045257....	.61	Zafilek	15744	28	.012641....	.90
Zafilaz	15734	18	.040303....	.61	Zafilel	15745	29	.011257....	1.00
Zafile	15735	19	.035890....	.62	Zafilem	15746	30	.010025....	1.10
Zafileb	15736	20	.031691....	.62	Zafilen	15747	31	.008928....	1.25
Zafilec	15737	21	.028462....	.64	Zafilep	15748	32	.007950....	1.50
Zafiled	15738	22	.025347....	.66	Zafiler	15749	33	.007080....	1.75
Zafilef	15739	23	.022571....	.68	Zafiles	15750	34	.006304....	2.00
	15740	24	.020100....	.70	Zafilet	15751	35	.005614....	2.50
	15741	25	.017900....	.74	Zafilev	15752	36	.00500	3.25

PHOSPHOR-BRONZE BINDING WIRE IN COILS OF RANDOM WEIGHT.

This Spring Wire is especially recommended for great elasticity, strength and resistance to corrosion and crystallization. Used in electrical apparatus, locks, hinges, pump and faucet springs, etc. Special tempers for many other applications made to order in reasonable quantities. Mention temper, or purpose for which wire is to be used when ordering.

Zafilew	15753	To 10	.101890....	.58	Zafilok	42390	26	.015940....	.78
Zafilex	15754	11-16	.050820....	.60	Zafilol	42391	27	.014519....	.84
Zafiley	15725	17	.045257....	.61	Zafilom	42392	28	.012641....	.90
Zafilez	15726	18	.040303....	.61	Zafilon	42393	29	.011257....	1.00
Zafilo	15727	19	.035890....	.63	Zafilop	42394	30	.010025....	1.10
Zafilob	15728	20	.031691....	.62	Zafilor	42395	31	.008928....	1.25
Zafiloc	42385	21	.028462....	.64	Zafilos	42396	32	.007950....	1.50
Zafilod	42386	22	.025347....	.66	Zafilot	42397	33	.007080....	1.75
Zafilof	42387	23	.022571....	.68	Zafilov	42398	34	.006304....	2.00
Zafilog	42388	24	.020100....	.70	Zafilow	42399	35	.005614....	2.50
Zafiloh	42389	25	.017900....	.74	Zafilox	42400	36	.00500	3.25

PLATINUM WIRE.

		Size.	Weight per Foot.			Size.	Weight per Foot.
Zafiloy	12730	12	310.7 Grains	Zafilug	12737	26	12.1 Grains
Zafiloz	12731	14	195.4 Grains	Zafiluh	12738	28	7.60 Grains
Zafilu	12732	16	122.8 Grains	Zafiluk	12739	30	4.69 Grains
Zafilub	12733	18	77.3 Grains	Zafilul	12740	32	3.01 Grains
Zafiluc	12734	20	48.6 Grains	Zafilum	12741	34	1.89 Grains
Zafilud	12735	22	30.6 Grains	Zafilun	12742	35	1.19 Grains
Zafiluf	12736	24	19.2 Grains				

Lowest Market Prices on Application.

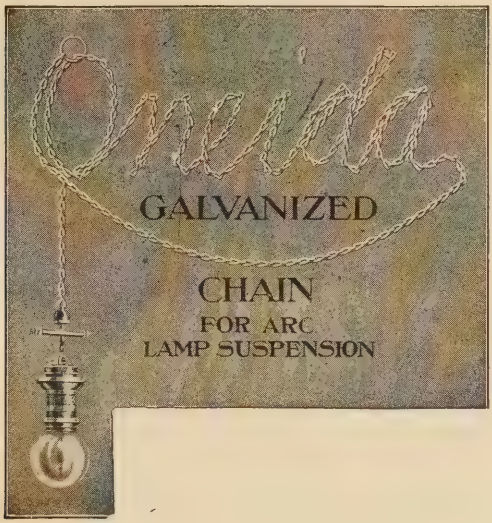
STEEL FISH WIRE.

Flat Steel Spring Wire Made Especially to Fish Conduits, Etc.

		Approximate Weight Per 100 Feet.	List Price per Foot in 100-Foot Coils.
Zafilup	15755	1½ lbs.....	$0.02

Special Prices Quoted in Lots of 100 Pounds and Over.

ONEIDA CHAIN.



Standard suspension for Arc Lamps. Heavily galvanized. Rust proof. Will outlast Cord, Cable or Rope many times over.

Most effective and durable Arc Lamp Suspension in the world.

Oneida Galvanized Chain is made in two sizes: No. 5 for suspending incandescent lamps, and No. 1 for suspending arc lamps. These chains can be used with any standard mast-arm.

Code Word.	List No.	Mfr. No.		List Price, per 100 Ft.
Zacafuw	14422	1	Galvanized Chain	$3.80
Zacafux	14423	5	Galvanized Chain	3.20

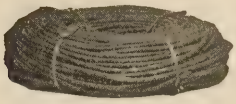
ATTACHMENTS.

				Per 1000 Pieces.
Zacafuy	14424	1	"S" Hooks, galvanized	20.00
Zacafuz	14425	5	"S" Hooks, galvanized	13.00
Zacaga	14426	1	Rings, galvanized	40.00
Zacagab	14427	5	Rings, galvanized	20.00
Zacagac	14428	1	Connecting Links, galvanized	13.00
Zacagad	14429	5	Connecting Links, galvanized	5.20

Packed on enclosed reels of 500 and 1000 feet.

SHOW WINDOW CORD.

REINFORCED.



The following tables cover the possible fluctuations of copper and furnish a list for show window cord. From time to time we advise our customers the base of copper at which show window cord is selling, and the list price for that period can be determined under the given amount.

Code Word.	List No.	Mfr. No.	12 Cent List — Silk Covered.	12 Cent List — Cotton Covered Dry or Slicked.	13 Cent List — Silk Covered.	13 Cent List — Cotton Covered Dry or Slicked.	14 Cent List — Silk Covered.	14 Cent List — Cotton Covered Dry or Slicked.	15 Cent List — Silk Covered.	15 Cent List — Cotton Covered Dry or Slicked.
Zabohil	22209	10	$199.30	$136.80	$202.50	$140.00	$206.00	$143.50	$209.30	$146.80
Zabohim	22210	12	154.00	104.00	156.30	106.30	158.30	108.30	160.50	110.50
Zabohin	22211	14	117.50	76.30	118.50	77.30	120.00	78.80	121.30	80.00
Zabohip	22212	16	91.80	61.80	92.50	62.50	93.30	63.30	94.00	64.00
Zabohir	22213	18	79.30	51.80	79.80	52.30	80.30	52.80	80.80	53.30
Zabohis	22214	20	70.00	45.00	70.30	45.30	70.50	45.50	70.80	45.80
Zabohit	22215	22	64.00	42.80	61.80	43.00	64.50	43.30	64.80	43.50

			16 Cent List		17 Cent List		18 Cent List	
Zabohil	22209	10	$212.50	$150.00	$215.80	$153.30	$219.00	$156.50
Zabohim	22210	12	162.50	112.50	164.50	114.50	166.80	116.80
Zabohin	22211	14	122.50	81.30	123.80	82.50	125.00	83.80
Zabohip	22212	16	95.00	65.00	96.00	66.00	96.80	66.80
Zabohir	22213	18	81.30	53.80	81.80	54.30	82.30	54.80
Zabohis	22214	20	71.30	46.30	71.80	46.80	72.00	47.00
Zabohit	22215	22	65.00	43.80	65.30	44.00	65.50	44.30

			19 Cent List		20 Cent List		21 Cent List	
Zabohil	22209	10	$222.50	$160.00	$225.80	$163.30	$229.00	$166.50
Zabohim	22210	12	168.80	118.80	171.00	121.00	173.00	123.00
Zabohin	22211	14	126.50	85.30	127.50	86.30	129.00	87.80
Zabohip	22212	16	97.50	67.50	98.30	68.30	99.00	69.00
Zabohir	22213	18	82.80	55.30	83.30	55.80	83.80	56.30
Zabohis	22214	20	72.30	47.30	72.50	47.50	73.00	48.00
Zabohit	22215	22	65.80	44.50	66.00	44.80	66.00	44.80

ORDERS SHOULD SPECIFY WHETHER SILK OR COTTON CORD IS DESIRED.

INCANDESCENT LAMP CORD.

The following tables cover the possible fluctuations of copper and furnish a list for lamp cord. From time to time we advise our customers the base of copper at which lamp cord is selling, and the list price for that period can be determined under the given amount.

LIST PRICE PER 1000 FEET.

Code Word.	List No.	Size B. & S.	12 Cent List Silk Covered.	12 Cent List Cotton Covered.	13 Cent List Silk Covered.	13 Cent List Cotton Covered.	14 Cent List Silk Covered.	14 Cent List Cotton Covered.	15 Cent List Silk Covered.	15 Cent List Cotton Covered.
Zabohib	22202	10	$136.80	$105.50	$140.00	$108.80	$143.50	$112.30	$146.80	$115.50
Zabohic	22203	12	91.50	69.00	93.30	71.30	95.80	73.30	98.00	75.50
Zabohid	22204	14	66.30	45.00	67.30	46.00	68.80	47.50	70.00	48.80
Zabohif	22205	16	48.00	30.50	48.80	31.30	49.50	32.00	50.30	32.80
Zabohig	22206	18	40.50	24.30	41.00	24.80	41.50	25.30	42.00	25.80
Zabohih	22207	20	35.00	21.30	35.30	21.50	35.50	21.80	35.80	22.00
Zabohik	22208	22	31.50	17.80	31.80	18.00	32.00	18.30	32.30	18.50

Code Word.	List No.	Size B. & S.	16 Cent List Silk Covered.	16 Cent List Cotton Covered.	17 Cent List Silk Covered.	17 Cent List Cotton Covered.	18 Cent List Silk Covered.	18 Cent List Cotton Covered.
Zabohib	22202	10	$150.00	$118.80	$153.30	$122.00	$156.50	$125.30
Zabohic	22203	12	100.00	77.50	102.00	79.50	104.30	81.80
Zabohid	22204	14	71.30	50.00	72.50	51.30	73.80	52.50
Zabohif	22205	16	51.30	33.80	52.30	34.80	53.00	35.50
Zabohig	22206	18	42.50	26.30	43.00	26.80	43.50	27.30
Zabohih	22207	20	36.30	22.50	36.80	23.00	37.00	23.30
Zabohik	22208	22	32.50	18.80	32.80	19.00	33.00	19.30

Code Word.	List No.	Size B. & S.	19 Cent List Silk Covered.	19 Cent List Cotton Covered.	20 Cent List Silk Covered.	20 Cent List Cotton Covered.	21 Cent List Silk Covered.	21 Cent List Cotton Covered.
Zabohib	22202	10	$160.00	$128.80	$163.30	$132.00	$166.50	$135.30
Zabohic	22203	12	106.30	83.80	108.50	86.00	110.50	88.00
Zabohid	22204	14	75.30	54.00	76.30	55.00	77.80	56.50
Zabohif	22205	16	53.80	36.30	54.50	37.00	55.80	37.80
Zabohig	22206	18	44.00	27.80	44.50	28.30	45.00	28.80
Zabohih	22207	20	37.30	23.50	37.50	23.80	38.00	24.30
Zabohik	22208	22	33.30	19.50	33.50	19.80	33.50	19.80

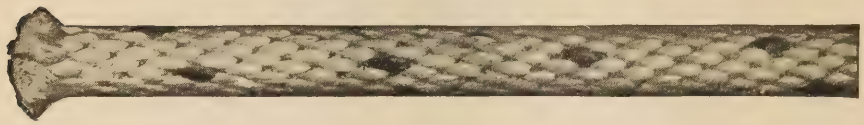
Orders should specify whether Silk or Cotton is desired.

WE CAN FURNISH PARALLEL LAMP CORD AT SAME LIST PRICES.

SAMSON CORDS.

SAMSON SPOT TROLLEY AND ARC LAMP CORD.

Water Proofed.



This is an extra quality cord, the colored spot being the trade mark used only in this quality. It is braided hard, smoothly finished, carefully inspected and thoroughly water proofed, making it the most durable and economical cord for these purposes.

Put up in rolls of about 1200 feet each.

Code Word.	List No.	Size No.	Diameter.	Approximate Weight per Coil.	List Price per Pound.
Zadixar	30023	8	1-4 in.	30 lbs.	$0.50
Zadixas	30024	9	9-32 in.	38 lbs.	.50
Zadixat	30025	10	5-16 in.	48 lbs.	.50
Zadixav	30026	12	3-8 in.	66 lbs.	.50
Zadixaw	30027	14	7-16 in.	90 lbs.	.50
Zadixax	30028	16	1-2 in.	115 lbs.	.50

SAMSON SIGNAL CORD.

Made of extra quality stock, with hard smooth braid. Special sizes and colors made to order.

MAHOGANY COTTON.

Zadixay	30029	6	.61½
Zadixaz	30030	7	.60½
Zadixe	30031	8	.60

DRAB COTTON.

Zadixeb	30032	6	.56½
Zadixec	30033	7	.55½
Zadixed	30034	8	.55
Zadixef	30035	9	.55
Zadixeg	30036	10	.55
Zadixeh	30037	11	.55
Zadixek	30038	12	.55

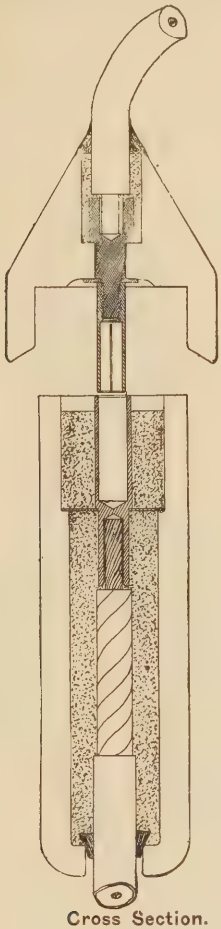
SAMSON WIRE CENTRE SIGNAL CORD.

This is made of our best Samson stock, with a center of galvanized steel wire cable. It is very durable and does not stretch.

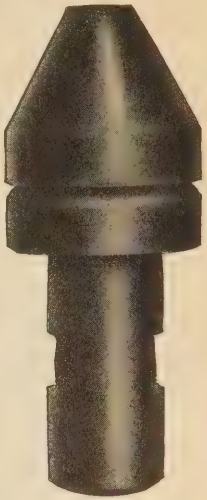
				Per Foot.
Zadixel	30039	6	Mahogany	.02½
Zadixem	30040	8	Mahogany	.03

G. AND W. PORCELAIN POT HEADS.

Type "S."
With 6-Inch Petticoat for Extra High Voltages.



Cross Section.
Type "S."



Type "TS."
Single Conductor.

Pipe Driven and Joint Made. One Operation. Ground Pipe Cap.

DETACHABLE PORCELAIN POT HEAD.

For connecting high voltage overhead and underground lines. No boxing in from weather necessary. The Detachable Porcelain "Pot Head" herein illustrated has been developed to meet the demand for some reliable and convenient means of making the connections between high voltage overhead lines and lead cables. The use of the porcelain "sleeve" herein illustrated results in a much higher degree of insulation than is possible with the lead "sleeve," and the porcelain cup serves to protect the compound in the "sleeve" from the action of the elements. The device is therefore suitable for use on voltages of 2,000 to 20,000. For potentials above 6,600 volts for single conductor cable exposed to the weather, a pot head with a 6-in. petticoat is recommended as shown. The device is simple, easily installed, requires no cable jointer's services; can be attached by any gang of linemen of reasonable intelligence. It is therefore inexpensive both in first cost and maintenance. Tests and practical experience demonstrate without doubt that the slip contact supplied in this type of pot head will carry 150 amperes without undue heating.

Directions for Installation Sent on Request.

Type "TS." For High-Tension and High-Current Duty, Single Conductor.

This type of pot head has been developed for carrying heavy current loads. Referring to cut, it will be noted that there are three porcelain members; the intermediate one provides a means of turning a threaded taper collar which draws the two metal members together through the medium of the taper-headed plug and the externally threaded socket, thus insuring a tight-fitting joint. The standard size is designed to carry 650 amperes.

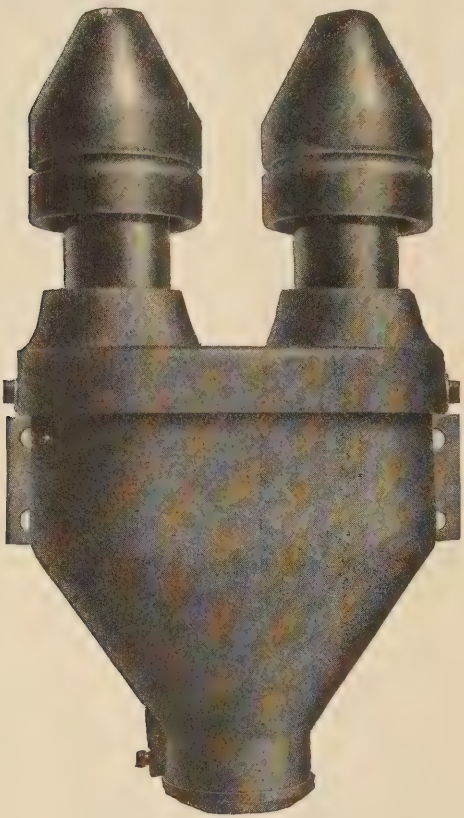
G. AND W. PORCELAIN POT HEADS.

TYPE "MS."

Porcelain Detachable Pot Head for Multiple Conductor Cables, 2, 3 and 4 Conductor.

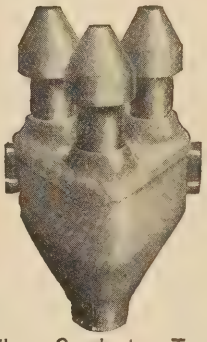
TYPE "MTS."

Porcelain Detachable Pot Head for Multiple Conductor, Cables, Heavy Current Duty 2, 3 and 4 Conductor.



Two-Conductor, Type "MTS."

Three-Conductor Station Type, Assemble



Three-Conductor, Type "MO," Assembled.

PRICE LIST.

Code Word.	List No.	Type.		List Price Each.
Zabevum	50628	S	All sizes to No. 0, inclusive	$ 2.20
Zabevun	50629	S	With cinch petticoat, extra	.50
Zabevup	50630	TS	All sizes to 500,000 C. M.	5.50
Zabevur	50631		Ground pipe cap	.27
Zabevus	50632	MS	2-conductor, all sizes to No. 0, inclusive	9.50
Zabevut	50633	MS	3-conductor, all sizes to No. 0, inclusive	11.00
Zabevuv	50634	MS	4-conductor, all sizes to No. 0, inclusive	12.00
Zabevaw	50563	MTS	2-conductor, all sizes to 500,000 C. M., inclusive	17.50
Zabevax	50564	MTS	3-conductor, all sizes to 500,000 C. M., inclusive	20.00
Zabevaz	50565	MTS	4-conductor, all sizes to 500,000 C. M., inclusive	22.50
Zabeve	50566	MO	2-conductor	8.50
Zaciyak	24428	MO	3-conductor	9.25
Zaciyal	24429	MO	4-conductor	10.00

STATION TYPE.

For all sizes up to diameter of 3 inches over lead and diameter of 1¼ inches of each single-conductor, 2, 3 and 4-conductor	5.50

P. A. PORCELAIN CLEATS.

SINGLE WIRE CLEATS.

New Code Style.

Code Word.	List No.	Std. No.	P. A. No.		List Price Per 1000.
Zinol	43025	332	5	No. 0000 to 200,000 C. M.	$80.00

New Code Style.

Zinom	43026	6A	6	200,000 to 300,000 C. M.	120.00

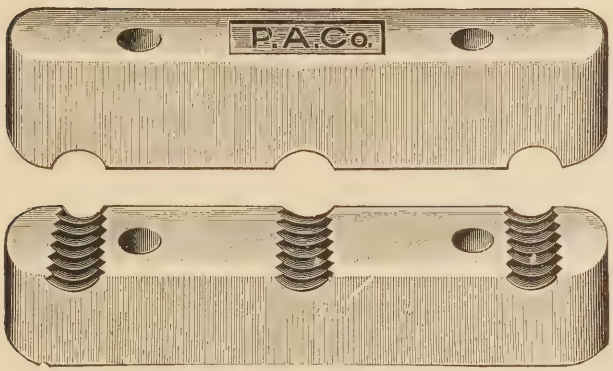
New Code Style.

Zinok	43024	7A	7	300,000 to 500,000 C. M.	160.00

New Code Style.

Zabahuv	47501	8A	8	700,000 to 1,000,000 C. M.	400.00

TWO AND THREE WIRE CLEATS.



No. 43241.

Glazed.

Zire	43239	2 Wire	1000	26.00
Zireb	43241	3 Wire	1000	26.00

Unglazed.

			Std. Pkg.	
Zirec	43240	2 Wire	1000	20.00
Zired	43242	3 Wire	1000	20.00

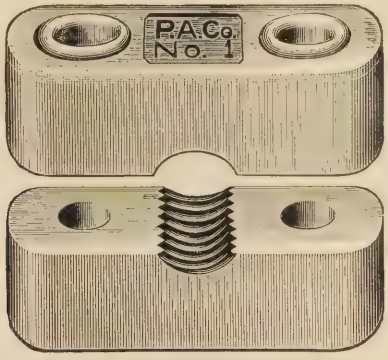
See following pages for Diagrams and Dimensions.

P. A. PORCELAIN CLEATS.

SINGLE WIRE CLEATS.

The first four sizes of these Cleats are made in two styles, viz.: Regular Style, with tops and bases the same size; New Code Style, with one-inch bases and regular tops.

SIZES 5, 6, 7 AND 8 HAVE ONE-INCH TOPS AND ONE-INCH BASES.



(Cut full size.)
No. 43031.

Old Code Style.

Code Word.	List No.	Std. No.	P. A. Co. No.	Size Wire.	List Price Per 1000.
Zinot	43031	328	1	No. 14 to 10, B. and S.	$26.68

New Code Style.

Zinov	43032	328A	1A	No. 14 to 10, B. and S.	36.68

Old Code Style.

Zinow	43033	329	2	No. 8 to 2, B. and S.	40.00

New Code Style.

Zinox	43034	329A	2A	No. 8 to 2, B. and S.	50.00

Old Code Style.

Zinon	43027	330	3	No. 3 to 0, B. and S.	48.00

New Code Style.

Zinop	43028	330A	3A	No. 3 to 0, B. and S.	60.00

Old Code Style.

Zinor	43029	331	4	No. 00 to 0000, B. and S.	60.00

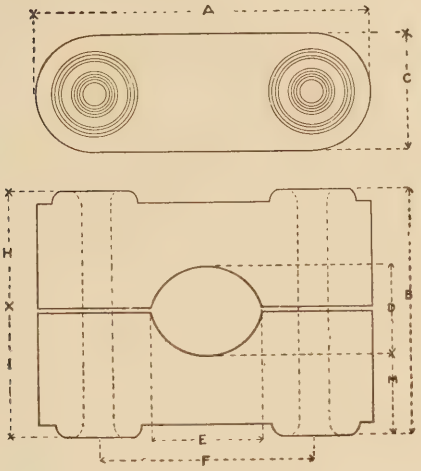
New Code Style.

Zinos	43030	331A	4A	No. 00 to 0000, B. and S.	72.00

See following pages for Diagrams and Dimensions.

P.-A. SINGLE WIRE CLEATS.

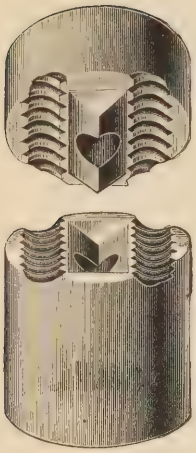
DIAGRAMS AND DIMENSIONS.



STYLE.	NO	A	B	C	D	E	F	H	I	M	Size Wire R.C.-O.K. Or Ideal.	Size Screw R. H. Blue.
New Code.....	1	2″	$1\frac{11}{16}$″	$\frac{3}{4}$″	$\frac{5}{32}$″	$\frac{1}{4}$″	$1\frac{5}{16}$″	$\frac{9}{16}$″	$1\frac{3}{32}$″	1″	14 to 10	3 x 8
Regular.....	1	2	$1\frac{1}{8}$	$\frac{3}{4}$	$\frac{5}{32}$	$\frac{1}{4}$	$1\frac{3}{16}$	$\frac{9}{16}$	$\frac{9}{16}$	$\frac{13}{32}$	14 to 10	$2\frac{1}{4}$ x 8
New Code.....	2	$2\frac{1}{8}$	$1\frac{27}{32}$	1	$\frac{1}{4}$	$\frac{3}{8}$	$1\frac{1}{4}$	$\frac{3}{4}$	$1\frac{3}{32}$	$1\frac{1}{32}$	8 to 4	3 x 10
Regular.....	2	$2\frac{1}{8}$	$1\frac{15}{32}$	1	$\frac{1}{4}$	$\frac{3}{8}$	$1\frac{1}{4}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{21}{32}$	8 to 4	$2\frac{1}{2}$ x 10
New Code.....	3	$2\frac{1}{4}$	$1\frac{31}{32}$	$1\frac{5}{32}$	$\frac{3}{8}$	$\frac{9}{16}$	$1\frac{3}{8}$	$\frac{3}{4}$	$1\frac{7}{32}$	$1\frac{1}{32}$	2 to 1	$3\frac{1}{2}$ x 12
Regular.....	3	$2\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{5}{32}$	$\frac{3}{8}$	$\frac{7}{16}$	$1\frac{3}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{13}{32}$	2 to 1	3 x 12
New Code.....	4	$2\frac{13}{16}$	$2\frac{3}{32}$	$1\frac{1}{4}$	$\frac{1}{2}$	$\frac{11}{16}$	$1\frac{9}{16}$	$\frac{27}{32}$	$1\frac{1}{4}$	1	0 to 00	$3\frac{1}{2}$ x 12
Regular.....	4	$2\frac{13}{16}$	$1\frac{31}{32}$	$1\frac{1}{4}$	$\frac{1}{2}$	$\frac{11}{16}$	$1\frac{9}{16}$	$\frac{27}{32}$	$\frac{27}{32}$	$\frac{21}{32}$	0 to 00	3 x 12
New Code.....	5	3	$2\frac{5}{16}$	$1\frac{5}{16}$	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{13}{16}$	$1\frac{5}{32}$	$1\frac{5}{32}$	1	000	4 x 14
New Code.....	6	$3\frac{1}{4}$	$2\frac{23}{32}$	$1\frac{5}{16}$	$\frac{11}{16}$	$1\frac{5}{16}$	$1\frac{15}{16}$	$1\frac{11}{32}$	$1\frac{11}{32}$	1	0000 400000	$4\frac{1}{2}$ x 16
New Code.....	7	4	$3\frac{5}{16}$	$1\frac{15}{16}$	$1\frac{1}{16}$	$1\frac{23}{64}$	$2\frac{9}{16}$	$1\frac{37}{64}$	$1\frac{37}{64}$	$1\frac{3}{64}$	500000 600000	**5 x 18 or $\frac{3}{8}$ x 5 Lag**
New Code.....	8	$4\frac{3}{4}$	$3\frac{5}{8}$	$1\frac{5}{8}$	$1\frac{9}{32}$	2	$3\frac{1}{4}$	$1\frac{13}{16}$	$1\frac{13}{16}$	$1\frac{1}{8}$	700000 1000000	5 x 18 or $\frac{3}{8}$ x 5 Lag

Nos. 5, 6, 7 and 8 are made in New Code Style only.

PORCELAIN SPLIT KNOBS.



No. 39282.

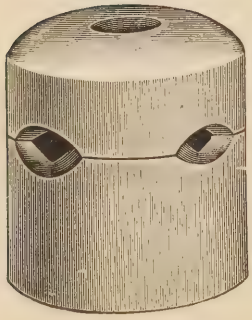
REGULAR No. 5½. SPLIT KNOB.

Code Word.	List No.		List Price per 1000.
Zafika	39282	.....	$14.00

No. 39283.

No. 5517. THOMAS SPLIT KNOB.

Zafikab	39283	.....	21.00



No. 39284.

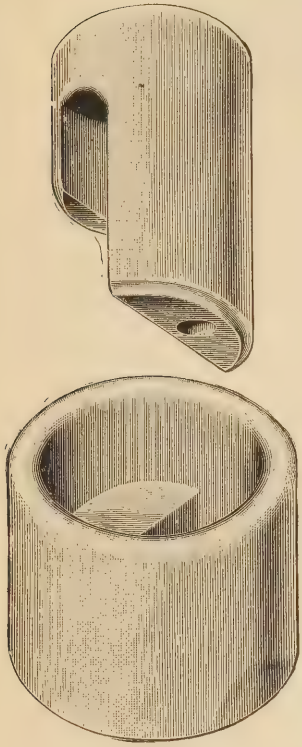
No. 9419. SPLIT KNOB.

Zafikac	39284	.....	32.50

No. 9420. SPLIT KNOB.

Zafikad	39285	.....	45.00

PORCELAIN SPLIT KNOBS.



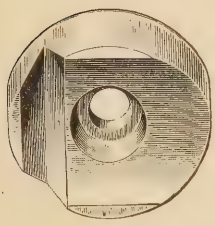
No. 5239.

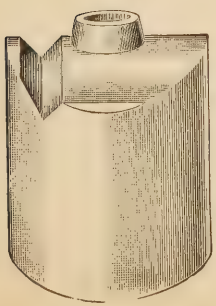
IDEAL KNOB.

Easiest knob to wire, no breakage, takes up all slack wire, meets with all the requirements of fire underwriters.

Code Word.	List No.	List Price Per 1000.
Zadavuc	5239	.....$17.00

No. 5½. STAR OVAL SPLIT KNOBS.





No. 5240.

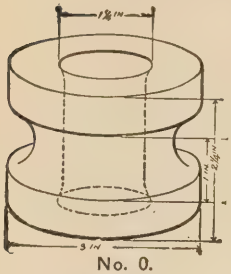
25 Pair Star Oval Split Knobs Strung.

For the convenience of the trade we are carrying the Star Oval Split Insulators in standard packages of 4,000; put up with twenty-five pairs on a string.

We are making no extra charge for knobs put up in this manner.

Zadavud	5240	..... 16.0[illegible]

STANDARD PORCELAIN INSULATORS.



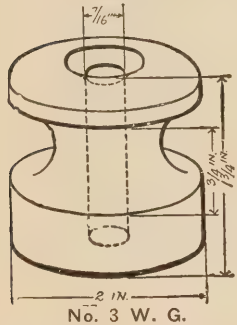
No. 0.

No. 0.

Height, 2¼ in. Diameter, 3 in.
Hole, 1¼ in. Groove, 1 in.

List Price Per 1000

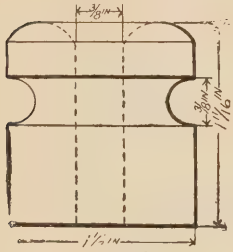
Standard Package Barrel Lots of 350 ..... $146.68



No. 3 W. G.

No. 3 W. G.

Height, 1¾ in. Diameter, 2 in.
Hole, 7/16 in. Groove, ¾ in.
Standard Package Barrel Lots of 1,000 ..... 34.68



No. 4.

No. 4.

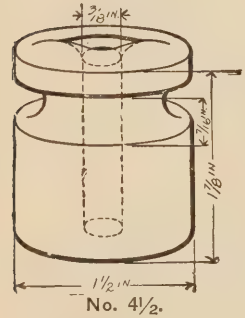
Height, 1 11/16 in. Diameter, 1½ in.
Hole, ⅜ in. Groove, ⅜ in.
Standard Package Barrel Lots of 2,000 ..... 12.50

No. 4½.

Height, 1⅞ in. Diameter, 1½ in.
Hole, ⅜ in. Croove, 7/16 in.
Standard Package Barrel Lots of 2,000 ..... 14.00

No. 5½.

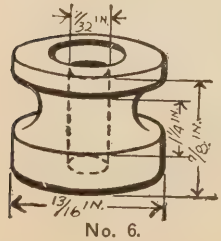
Height, 1 9/16 in. Diameter, 1 in.
Hole, ¼ in. Groove, 5/16 in.
Standard Package Barrel Lots of 5,000 ..... 9.00



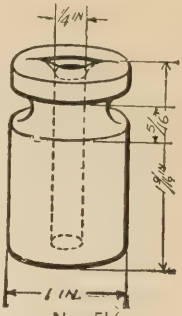
No. 4½.

No. 6.

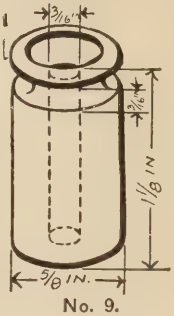
Height, ⅞ in. Diameter, 13/16 in.
Hole, 7/32 in. Groove, ¼ in.
Standard Package 5,000..... 9.00



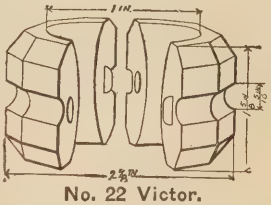
No. 6.



No. 5½.



No. 9.



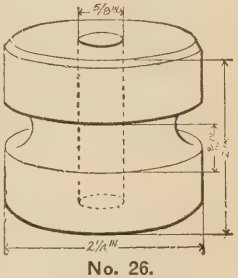
No. 22 Victor.

No. 9.

Height, 1⅛ in. Diameter, ⅝ in.
Hole, 3/16 in. Groove, 3/16 in.
Standard Package 5,000..... 9.00

No. 22 (VICTOR).

Height, 1⅝ in. Diameter, 2⅛ in.
Hole, 1 in. Croove, 5/16 in.
Standard Package Barrel Lots of 1,300 ..... 42.68

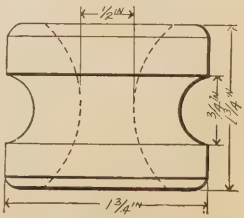


No. 26.

No. 36.

Height, 1¾ in. Diameter, 1¾ in.
Hole, ½ in. Groove, ¾ in.
Standard Package Barrel Lots of 1,800 ..... 36.00

We list only those porcelain insulators for which we have constant call, but can furnish any style listed in a special catalogue on this subject, which can be had on application.



No. 36.

STANDARD PORCELAIN TUBES.

LIST PRICE PER 100. Hole. O. S. Diameter.	LENGTH IN INCHES UNDER HEAD. ½ in.	1 in.	1½ in.	2 in.	2½ in.	3 in.	4 in.	5 in.	6 in.
1 inch 1 7-16 inch	.....	.....	$4.55	$4.80	$4.98	$5.24	$6.52	$8.28	$9.34
1¼ inch 1 13-16 inch	.....	.....	.....	.....	12.26	13.80	15.60	18.10	19.20
1½ inch 2 3-16 inch	.....	.....	.....	.....	15.60	17.40	19.20	25.30	31.20
1¾ inch 2 9-16 inch	.....	.....	.....	.....	19.85	22.05	23.95	34.15	45.35
2 inch 2 15-16 inch	.....	.....	.....	.....	23.45	25.85	27.70	41.70	57.95
2¼ inch 3 5-16 inch	.....	.....	.....	.....	26.80	29.60	31.50	48.85	70.55
2½ inch 3 11-16 inch	.....	.....	.. ..	.....	30.35	32.55	35.30	56.80	83.20

Hole. O. S. Diameter.	8 in.	10 in.	12 in.	14 in.	16 in.	18 in.	20 in.	22 in.	24 in.
5-16 inch	$7.20	$9.60	14.40	16.80	19.20	21.60	24.00	27.60	31.20
⅜ inch	8.40	10.80	15.60	19.20	21.60	24.00	26.40	30.00	33.60
½ inch	9.60	12.00	16.80	21.60	24.00	28.80	31.20	33.60	36.00
⅝ inch	10.80	14.40	19.20	24.00	28.80	33.60	36.00	38.40	40.80
¾ inch	12.00	16.80	21.60	24.00	31.20	36.00	38.40	43.20	48.00
1 inch 1 7-16 inch	16.80	19.20	26.40	28.80	36.00	40.80	45.60	49.20	52.80
1¼ inch 1 13-16 inch	24.00	31.20	45.60	52.80	62.40	72.00	79.20	86.40	93.60
1½ inch 2 3-16 inch	38.40	45.60	69.20	81.60	91.20	102.20	112.80	123.60	134.40
1¾ inch 2 9-16 inch	58.10	66.00	102.10	121.40	132.00	158.60	176.15	192.95	210.20
2 inch 2 15-16 inch	73.90	81.80	128.00	153.10	163.70	195.10	216.00	237.60	259.20
2¼ inch 3 5-16 inch	89.80	97.70	154.00	184.80	195.40	231.40	256.30	282.20	308.20
2½ inch 3 11-16 inch	105.60	113.50	180.00	216.50	227.00	267.60	296.60	326.90	357.10

All lengths from 7 inches to 14 inches long inclusive, and up to and including ¾ inch hole, 500 lots assorted. All lengths from 16 inches to 24 inches long inclusive, and up to and including ¾ inch hole, 200 lots assorted. All lengths and sizes not specified above, 100 lots assorted. For Tubes Glazed, add 50% to the Net Prices. For Split Tubes, multiply standard list by four. For Floor Tubes, multiply standard list by four.

SMALL PORCELAIN TUBES.

LIST PRICE PER 100. Hole. O. S. Diameter.	LENGTH IN INCHES UNDER HEAD. ½ in.	1 in.	1½ in.	2 in.	2½ in.	3 in.	4 in.	5 in.	6 in.
5-16 inch 9-16 inch	1.15	1.20	1.28	1.36	1.44	1.55	1.70	3.06	3.90
⅜ inch 11-16 inch	1.32	1.35	1.38	1.45	1.56	1.82	1.97	3.60	4.68
½ inch 13-16 inch	.....	1.73	1.80	2.00	2.30	2.56	2.80	4.22	5.44
⅝ inch 15-16 inch	.....	2.00	2.20	2.40	2.54	2.80	3.44	5.10	6.22
¾ inch 1 3-16 inch	.....	2.87	2.95	3.10	3.36	3.62	3.90	5.60	7.00

For Tubes Glazed, add 50% to the Net Prices. For Split Tubes, multiply standard list by four. For Floor Tubes, multiply standard list by four.

STANDARD PACKAGE.

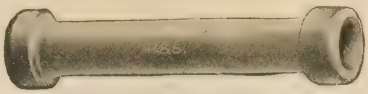
Size.	Quantity.	Size.	Quantity.	Size.	Quantity.
5-16 x 2½	6200	⅜ x 6	1500	⅝ x 5	1200
5-16 x 3	5200	½ x 2½	2700	⅝ x 6	1000
5-16 x 4	3600	½ x 3	2300	¾ x 2½	1400
5-16 x 5	2800	½ x 4	1800	¾ x 3	1250
5-16 x 6	1900	½ x 5	1450	¾ x 4	850
⅜ x 2½	4000	½ x 6	1200	¾ x 5	700
⅜ x 3	3400	⅝ x 2½	2000	¾ x 6	600
⅜ x 4	2700	⅝ x 3	1800		
⅜ x 5	1800	⅝ x 4	1450		

Floor Tubes, standard package 100 assorted.

PORCELAIN BUSHINGS.

Code Word.	List No.	Std. No.	Height.	Width.	Length.	Groove.	Schedule.	Std. Pkge.	List Price, Per 1,000.
Zovin	44866	402	1⅛ in.	.....	.....	⅜ in.	3	5000	$16.00
Zovip	44867	403	1 in.	.....	.....	3-16 in.	3	1000	20.66
Zovir	44868	404	1 3-16 in.	.....	.....	⅜ in.	3	1000	24.00
Zovis	44869	405	⅞ in.	.....	.....	⅜ in.	3	500	18.68
Zovit	44870	406	1⅛ in.	.....	.....	⅝ in.	3	500	40.00
Zoviv	44871	407	3¾ in.	.....	.....	⅝ in.	3	250	146.68

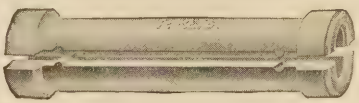
CROSS-OVER TUBES.



No. 12415.

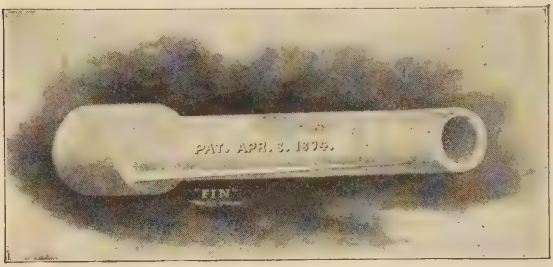
Code Word.	List No.	Mfr. No.		List Price Per 100.
Boundy	12415	130	⅜ in. hole, ¾ in. outside, 3¼ in. between heads glazed...	$12.00
Boundens	12416	130½	⅜ in. hole, ¾ in. outside, 3¼ in. between heads unglazed.	8.00

SPLIT CROSS-OVER TUBES.



No. 12417.

Sounteously	12417	131	⅜ in. hole, ¾ in. outside, 2¾ in. between heads glazed...	31.00
Bountys	12418	131½	⅜ in. hole, ¾ in. outside, 2¾ in. between heads unglazed.	22.00



WIRING "FIN" TUBES.

Put up 100 in a neat paper box or in bulk in bbls.

Add 25 cents per 1,000 for 3-inch to 6-inch when packed in paste board boxes.

Made only in five sizes.

			Inside Diameter.	Outside Diameter.	Length in Inches.	Standard. Package.	List Price Per 1000.
Bouquets	12419	5163	5-16	9-16	3	5,000	$7.50
Bourgeoisly	12420	5164	5-16	9-16	4	4,000	8.50
Bourns	12421	5166	5-16	9-16	6	2,000	20.00
							List Price Per 100.
Boursed	12422	5168	5-16	9-16	8	500	3.60
Bouter	12423	51610	5-16	9-16	10	500	4.80

LONG HEAD PORCELAIN TUBE.

No. 12426.

Head, 3 Inches Long.

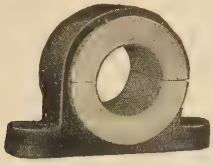
		Length in inches under head.	6	8	10	12	14	17
Bovined	12424	5-16 in. hole, ⅝ in. outside.	18.72	33.40	43.00	62.20	69.88	79.60
Bowler	12425	⅜ in. hole, ¾ in. outside.	22.46	42.45	48.38	67.39	79.87	91.20
Bowels	12426	½ in. hole, 1⅛ in. outside.	26.11	44.54	53.76	72.57	89.85	105.60
Bowers	12427	⅝ in. hole, 1⅛ in. outside.	29.85	50.11	64.50	82.94	100.00	124.80
Bowieknifed	12428	¾ in. hole, 1¾ in. outside.	33.60	55.68	75.26	93.31	109.00	134.40
Bowlders	12429	1 in. hole, 1¾ in. outside.	44.83	77.95	86.00	114.04	119.80	153.60

UNGLAZED.

Add 50 per cent. to List, for Glazed Tubes.

G. E. PORCELAIN SPECIALTIES.

PORCELAIN CLAMP INSULATORS.



TWO-PIECE CLAMP INSULATORS, WITHOUT CLAMP.

Code Word.	List No.		Std. Pkg.	List Price Per 100.
Zunor	9214	Clamp insulator (two pieces), without clamp, $\frac{5}{16}$ inch hole.	100	$ 5.00
Zunos	9215	Clamp insulator (two pieces), without clamp, $\frac{3}{8}$ inch hole.	100	5.00
Zunot	9216	Clamp insulator (two pieces), without clamp, $\frac{1}{2}$ inch hole.	100	5.00
Zunov	9221	Clamp insulator (two pieces), without clamp, $\frac{5}{8}$ inch hole.	100	6.50
Zunow	9222	Clamp insulator (two pieces), without clamp, $\frac{3}{4}$ inch hole.	100	6.50
Zunox	9228	Clamp insulator (two pieces), without clamp, $\frac{7}{8}$ inch hole.	100	8 50
Zunoz	9229	Clamp insulator (two pieces), without clamp, 1 inch hole.	100	8.50
Zunu	9230	Clamp insulator (two pieces), without clamp, $1\frac{1}{8}$ inch hole.	100	8 50
Zunub	9236	Clamp insulator (two pieces), without clamp, $1\frac{1}{4}$ inch hole.	100	11.00
Zunud	9237	Clamp insulator (two pieces), without clamp, $1\frac{3}{8}$ inch hole.	100	11.00
Zunuf	9238	Clamp insulator (two pieces), without clamp, $1\frac{1}{2}$ inch hole.	100	11 00
Zunug	9243	Clamp insulator (two pieces), without clamp, $1\frac{3}{4}$ inch hole.	100	17.50
Zunuh	9244	Clamp insulator (two pieces), without clamp, 2 inch hole.	100	17.50

IRON CLAMPS, COMPLETE, FOR INSULATORS.

Zunuk	9499	Iron clamp, complete, for Nos. 9214, 9215, 9216	100	25.00
Zunul	9498	Iron clamp, complete, for Nos. 9221, 9222	100	27 50
Zunum	9361	Iron clamp, complete, for Nos. 9228, 9229, 9230	100	35 00
Zunun	9360	Iron clamp, complete, for Nos. 9236, 9237, 9238	100	45.00
Zunup	9359	Iron clamp, complete, for Nos. 9243, 9244	100	50 00
Zunur	*22718	Iron clamp, complete, for Nos 9214, 9215, 9216	100	90.00
Zunus	*22750	Iron clamp, complete, for Nos. 9221, 9222	100	100.00
Zunut	*22751	Iron clamp, complete, for Nos. 9228, 9229, 9230	100	165.00
Zunuv	*22752	Iron clamp, complete, for Nos. 9236, 9237, 9238	100	175.00
Zunuw	*22753	Iron clamp, complete, for Nos. 9243, 9244	100	185.00

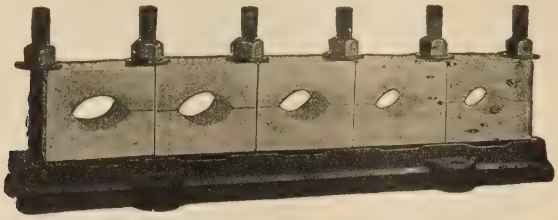
*These differ from clamps, Cat. Nos. 9359, 9360, 9361, 9498 and 9499, in that the straps are composition metal instead of cast iron.

Wall Bracket Clamp and Insulators.

WALL BRACKET AND WALL HANGER INSULATOR CLAMP FOR HOLDING CABLES.

				List Price Each.
Zunux	11473	Wall bracket insulator clamp, for three $1\frac{1}{4}$ inch cables, complete with clamping cap. (Does not include insulators).	10	2.50
Zunuz	11474	Wall hanger insulator clamp, for three $1\frac{1}{4}$ inch cables, complete with clamping cap. (Does not include insulators).	10	2.50
Zupa	11475	Porcelain insulator, for above, with $1\frac{1}{4}$ inch hole for cable. (Includes two halves)	100	.50

G. E. PORCELAIN SPECIALTIES.



One Tier Rack Insulators for Bus-Bars.

PORCELAIN RACK INSULATORS.

Code Word.	List No.		Std. Pkg.	List Pr. Each.
Zupab	69009	For ½ inch to 1 inch cable	100	$0.15
Zupac	69010	For 1 inch to 2 inch cable	100	.25
Zupad	49031	For ½ inch to 1 inch cable	100	.25
Zupaf	69011	For bus-bars (used with racks Nos. 69012, 69013, 51886, 69014, 33749, 69015, 36299, 36300, 36301, 36302, 36303 and 36304, for bus-bars up to 2 inch x ½ inch; and with racks Nos. 69016, 69017, 51887, 69018, 69019, 36305, 36306, 36307, 36308 and 36309 for bus-bars up to 2½ inch x 1 inch)	100	.30

The list number for porcelain insulator includes two halves.

INSULATOR RACKS.

For One Tier of Insulators.

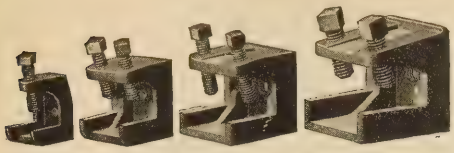
Zupag	69012	For 12. Nos. 49031, 69010 or 69011	$5.50
Zupah	69013	For 8. Nos. 49031, 69010 or 69011	4.00
Zupak	51886	For 6. Nos. 49031, 69010 or 69011	3.75
Zupal	69014	For 5. Nos. 49031, 69010 or 69011	2.65
Zupam	33749	For 4. Nos. 49031, 69010 or 69011	2.25
Zupan	69015	For 3. Nos. 49031, 69010 or 69011	1.80
Zupap	69016	For 12. No. 69011	5.65
Zupar	69017	For 8. No. 69011	4.00
Zupas	51887	For 6. No. 69011	3.75
Zupat	69018	For 5. No. 69011	2.65
Zupav	69019	For 3. No. 69011	1.80
Zupaw	69020	For 12. No. 69009	4.00
Zupax	69021	For 8. No. 69009	2.60
Zupaz	51888	For 6. No. 69009	2.00
Zupe	69022	For 5. No. 69009	1.60
Zupeb	49107	For 4. No. 69009	1.40
Zupec	69023	For 3. No. 69009	1.25

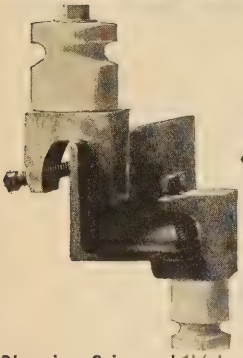
For Two Tiers of Insulators.

Zuped	36299	For 24. Nos. 49031, 69010 or 69011	5.85
Zupef	36300	For 16. Nos. 49031, 69010 or 69011	4.25
Zupeg	36301	For 12. Nos. 49031, 69010 or 69011	4.00
Zupeh	36302	For 10. Nos. 49031, 69010 or 69011	2.75
Zupek	36303	For 8. Nos. 49031, 69010 or 69011	2.30
Zunon	36304	For 6. Nos. 49031, 69010 or 69011	1.90
Zunop	36305	For 24. No. 69011	6.00
Zafecax	36306	For 16. No. 69011	4.25
Zafecay	36307	For 12. No. 69011	4.00
Zafecaz	36308	For 10. No. 69011	2.75
Zafece	36309	For 6. No. 69011	1.90
Zafeceb	36294	For 24. No. 69009	4.25
Zafecec	36295	For 16. No. 69009	2.75
Zafeced	36296	For 12. No. 69009	2.25
Zafecef	36297	For 10. No. 69009	1.75
Zafeceg	49239	For 8. No. 69009	1.50
Zafeceh	36298	For 6. No. 69009	1.30

An assortment of ten of the above racks will constitute a standard package.

UNIVERSAL INSULATOR SUPPORTS.





Showing 2 in. and 1½ in. With Insulators Applied to Angle Iron.

Showing 1½ In. Support With Two No. 4 Insulators.

Four sizes:—1 inch, 1½ inch, 2 inch, 2½ inch. Taking all sizes of Porcelain and Glass Insulators. An important improvement in exposed wiring on **steel framework.** Universal in application. No Wood Blocking, Special Straps or Hook Bolts. If work is ever changed they are not "scrap"—(as is the case with special forgings and wood blocking). They can be used again. They do not wear out. Made of best **malleable iron** and will stand rough use without breaking. The most severe vibration will not loosen them. Cup pointed, hardened set screws hold them secure. Reliable for light or heavy work. Total cost of material less **—Total cost of labor less.** It has long been a well-recognized fact that the most difficult part of a wiring job in steel frame mill and factory work has been the devising, making and erecting of all manner of **special work for securing the insulators,** on which the wiring is supported. This work has to be done by the most skilled and experienced man available or worked out by a competent draughtsman. It is **expensive work,** in any event, and it is seldom that two jobs are done in anything like the same way, each individual having his own method. Lack of a recognized **standard** for such work is a necessary consequence and lack of standardization means that no progress is made toward **economy.** All of this special work must be schemed out and completed **before the actual wiring can be started.**

Universal Insulator Supports supply a complete and rational solution of this problem. They have been designed with a full knowledge of the difficulties met with in actual work—gained by years of experience.

Universal Insulator Supports can be used in any position on the flanges of any known rolled steel structural shape; beams, angles, channels, "Z" bars, round, square and flat bars, gas and water pipes, edges of tanks, plates, etc. This fact makes it possible to avoid all preliminary work mentioned above and all the expense and vexation connected with it.

No Woodwork is required. This cuts out an element of danger from fire and avoids the effects of drying out and consequent loosening of supports so common when timbers are used.

No Drilling of Holes is necessary, with the consequent weakening of the steel structure.

The use of cup pointed hardened set screws and a clamp form of great strength absolutely prevents the supports working loose even under the most severe vibration. The set screws cut into the metal and are securely anchored.

Showing 2½ In. Size With D. G. D. P. Glass Insulator Pin No. 7155 or 7156.

MACHINE SCREWS FOR INSULATORS.

Owing to the difficulty often experienced in obtaining the exact size of machine screws required at hardware stores, we carry in stock a complete assortment of proper size screws for all standard insulators in ordinary use. These will be found to fit correctly. We recommend that screws be furnished **with SUPPORTS.** (We supply them extra at cost) in order to avoid annoying delays. If screws are desired with SUPPORTS **be sure to mention size** (by standard number) **of insulators to be used.**

LEATHER WASHERS.

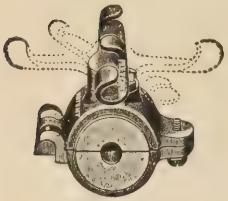
Of suitable size for screw or bolt heads are furnished with the Supports and are included in the price of Supports.

Insulator Supports			Insulator Data				Machine Screws and Bolts Extra				
		List Price Per 100 including Leather Washers	Std. No.	Inches Height	Inches Diameter	Inches Hole	Inches Groove	Length Inch.	Diam. No.	Thread Per In.	Head	List Price Per 100
Size	Std. Pkg.											
1	200	$20.00	5	1 1/4	1	1/4	5/16	1¾	14	20	Flat	$1.42
			5½	1 9/16	1	1/4	5/16	2	14	20	Flat	1.60
1½	100	34.00	10	1 3/4	1⅝	3/8	3/8	2¼	18	18	Flat	2.26
			4	1 11/16	1½	3/8	3/8	2¼	18	18	Flat	2.26
			4½	1 7/8	1½	3/8	7/16	2¼	18	18	Flat	2.26
2	50	46.00	1	3		2⅛	7/16	3¼	24	16	Flat	6.10
			2	2		2	1/2	2½	24	16	Round	4.00
			3	1 3/4		2	7/16	2¼	24	16	Flat	3.48
			3WG	1 3/4		2	7/16	3/4	2¼	24	16	Flat	3.48
			3½	2		2	7/16	7/16	2½	24	16	Flat	4.00
			24	1 3/4		1⅞	7/16	5/8	2¼	24	16	Round	3.48
2½	25	68.00	25	1 1/2		2½	11/16	1 1/16	2	½ in.	13	Sqr.	2.85
			29	2 3/8		2½	1/16	1 3/8	2¾	½ in.	13	Hex.	3.23
			34	1 7/8		2⅜	5/8	1 3/8	2¼	½ in.	13	Sqr.	3.04

FLETCHER SPECIALTIES.

REVERSIBLE FEED WIRE HOLDER.

(With Loops to Any Angle.)



No. 4517.

Code Word.	List No.	Size Opening.	List Price, Each—Porcelain Insulation.	List Price, Each—Oval. Glass Insulation.
Zadoroz	4517	½ inch	$0.30	$0.28
Zadoru	4518	⅝ inch	.30	.33
Zadorub	4519	¾ inch	.30	.33
Zadoruc	4520	⅞ inch	.30	.38
Zadorud	4521	1 inch	.30	.38
Zadoruf	4522	1⅛ inch	.30	....

GEM WIRE HOLDERS.

No. 4523.

Zadorug	4523	3/16 inch	.12	....
Zadoruh	4524	¼ inch	.12	....
Zadoruk	4525	⅜ inch	.16	....
Zadorul	4526	½ inch	.16	.15
Zadorum	4527	⅝ inch	.20	.18
Zadorun	4528	¾ inch	.20	.21
Zadorup	4529	⅞ inch	.20	.21
Zadorur	4530	1 inch	.20	.21
Zadorus	4531	1⅛ inch	.31	....
Zadorut	4532	1¼ inch	.31	.38
Zadoruv	4533	1⅜ inch	.31	....
Zadoruw	4534	1½ inch	.31	.38
Zadorux	4535	1⅝ inch	.48	....
Zadoruy	4536	1¾ inch	.48	.57
Zadoruz	4537	1⅞ inch	.48	....
Zadosa	4538	2 inch	.48	.57
Zadosab	4539	2⅛ inch	.60	....
Zadosac	4540	2¼ inch	.60	....
Zadosad	4541	2⅜ inch	.60	....
Zadosaf	4542	2½ inch	.60	....

No. 4543.

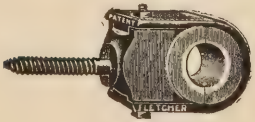
Zadosag	4543	3/16 inch	.12	....
Zadosah	4544	¼ inch	.12	....
Zadosak	4545	⅜ inch	.16	....
Zadosal	4546	½ inch	.16	.15
Zadosam	4547	⅝ inch	.20	.18
Zadosan	4548	¾ inch	.20	.21
Zadosap	4549	⅞ inch	.20	.21
Zadosar	4550	1 inch	.20	.21
Zadosas	4551	1⅛ inch	.31	....
Zadosat	4552	1¼ inch	.31	.38
Zadosav	4553	1⅜ inch	.31	....
Zadosaw	4554	1½ inch	.31	.38
Zadosax	4555	1⅝ inch	.48	....
Zadosay	4556	1¾ inch	.48	.57
Zadosaz	4557	1⅞ inch	.48	....
Zadose	4558	2 inch	.48	.57
Zadoseb	4559	2⅛ inch	.60	....
Zadosec	4560	2¼ inch	.60	....
Zadosed	4561	2⅜ inch	.60	....
Zadosef	4562	2½ inch	.60	....

TREE WIRE HOLDERS.

No. 4563.

Zadoseg	4563	⅝ inch	.25	....
Zadoseh	4564	¾ inch	.25	....
Zadosek	4565	⅞ inch	.25	....
Zadosel	4566	1 inch	.25	....
Zadosem	4567	1⅛ inch	.25	....

JUMBO TREE WIRE HOLDER.



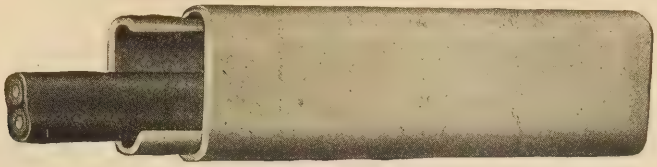
No. 4568.

Zadosen	4568	⅝ inch	.40	....
Zadosep	4569	¾ inch	.40	....
Zadoser	4570	⅞ inch	.40	....
Zadoses	4571	1 inch	.40	....

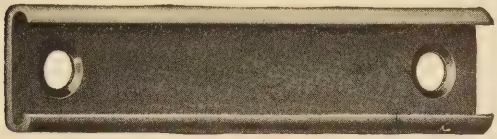
Porcelain Insulations will be furnished unless glass is specified.

"NATIONAL" METAL MOLDING

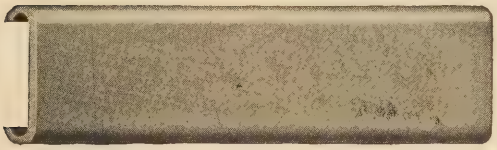
Furnished in lengths of eight feet four inches. Both Molding and Fittings Are Galvanized.



ASSEMBLED



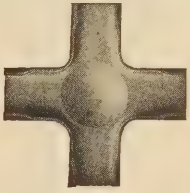
BASE



CAPPING

Code Word	List No.	Mfr. No.		List Price Per 100 Feet
Zafofif	37035	333	Base and Capping, complete.....	$8.00

CROSS

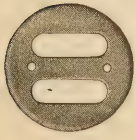


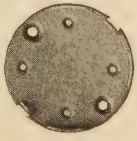
TEE

BASE			CAPPING		BASE		CAPPING	
Zafofig	37036	334	Complete....$0.17		Zafofih...37037	335	Complete....$0.14	

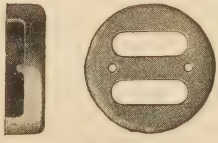
COMBINATION SWITCH AND OUTLET BOX

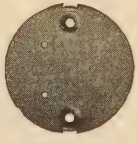
FOUR WAY ENTRANCE





TWO WAY PARALLEL ENTRANCE





CAPPING			BASE		CAPPING		BASE	
Zafofik	37038	342	Complete....$0.30		Zafofil	37039	343	Complete....$0.30

"NATIONAL" METAL MOLDING

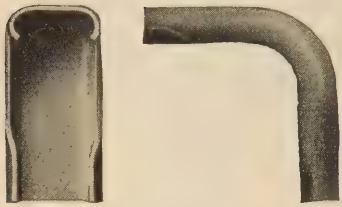
ELBOW

BASE

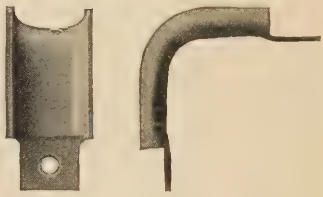
CAPPING

Code Word	List No.	Mfg. No.		List No. Each
Zafofiv	37046	336	Complete	$0.11

ELBOW, EXTERNAL BEND



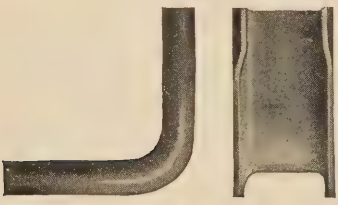
CAPPING

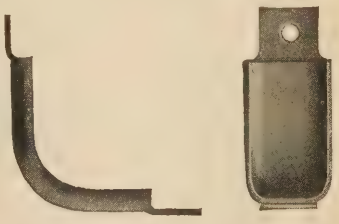


BASE

Zafofiw	37047	337	Complete	$0.11

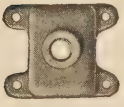
ELBOW, INTERNAL BEND

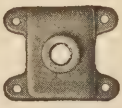




Zafofix	37048	338	Complete	$0.11

WALL OR CEILING BRACKET





No. 37049

Used in Middle of Molding Line and is Tapped for ¼ or ⅜ in. Gas Pipe.

No. 37050

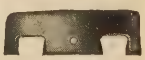
Used at End of Molding and is Tapped for ¼ or ⅜ in. Gas Pipe.

	Mfr. No.		List Price Each
Zafofiy	37049	339	Complete.....$0.28
Zafofix	37050	340	Complete..... .28

JUNCTION BOX

For Rigid Conduit Connection

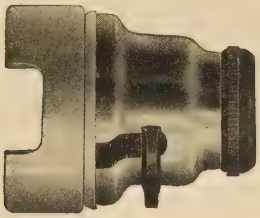
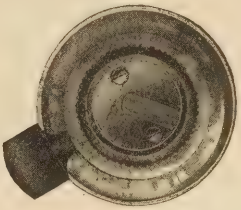
BASE



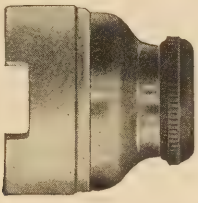
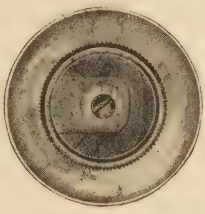
CAPPING

	Mfr. No.		List Price Each
Zafofo	37051	341	Complete.....$0.30

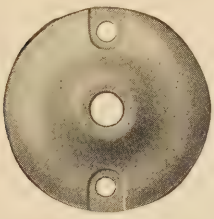
"NATIONAL" METAL MOLDING

Code Word	List No.	Mfr. No.		List Price, Each
Zafofim	37040	346	Key Wall Socket	$0.55

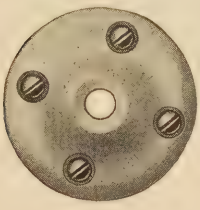



Zafofin	37041	347	Keyless Wall Socket	.40



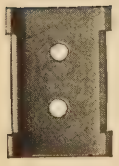
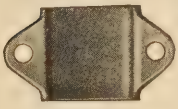
Requires Wires to Be Soldered at Connection.

Zafofip	37042	348	Molding Rosette	.10



Does Not Require Soldering. Has Clamp Connections.

Zafofir	37043	349	Two-Piece Molding Rosette	.25

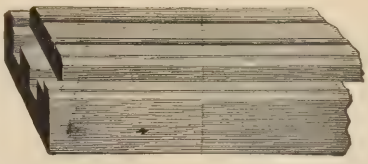
BASE COUPLING

Zafofis	37044	344		.03

CLAMP FOR FASTENING MOLDING

Zafofit	37045	345		.03

WOOD MOULDINGS.



BEST QUALITY WHITE WOOD MOULDING.

Code Word.	List No.	*Description No.		List Price, Per 1,000 Ft.
Zoxol	45216	7-32—2	Regular	$30.00
Zoxom	45217	7-32—3	Regular	45.00
Zoxon	45218	10-32—2	Regular	36.00
Zoxop	45219	10-32—3	Regular	50.00
Zoxor	45220	13-32—2	Regular	55.00
Zoxos	45221	13-32—3	Regular	60.00
Zoxot	45222	20-32—2	Regular	70.00
Zoxov	45223	20-32—3	Regular	100.00
Zoxow	45224	23-32—2	Regular	90.00
Zoxox	45225	23-32—3	Regular	120.00
Zoxoz	45226	7-32—2	Oak or Ash	100.00
Zoxu	45227	7-32—2	Hard Pine	50.00
Zoxub	45228	7-32—2	Shellaced	40.00

*These numbers designate the width of groove in 32ds of an inch and the figure after the dash the number of grooves.

Special mouldings made to order in other sizes and woods.

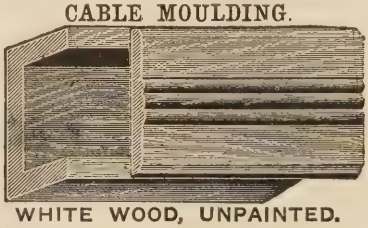
BELL WIRE MOULDING.

SINGLE GROOVE, WITHOUT BACK.

Zoxud	45229	¼ inch groove	10.00

Other sizes made to order.

CABLE MOULDING.

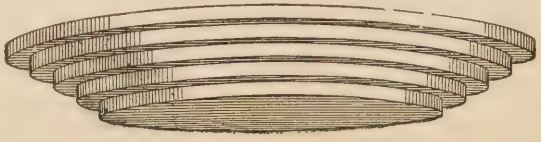


WHITE WOOD, UNPAINTED.

		Size of Slot.	
Zoxuf	45230	¾ inch	22.00
Zoxug	45231	1 inch	52.00
Zoxuh	45232	1¼ inch	76.00
Zoxuk	45233	1½ inch	100.00

CROWN FIXTURE BLOCK.

This block is provided with steps to fit different sizes of canopies. The block fits four sizes of canopies, 3, 3½, 4 and 4½ inches.



			Each.
Zoxul	45234	Plain, unfinished	.14
Zoxum	45235	Highly polished oak	.16

WOOD CLEATS.

ONE WIRE.

Code Word	List No.	Size of Slot.	List Price Per 1,000.
Zabecul	49503	⅜ inch	$6.00
Zabecum	49504	½ inch	7.00
Zabecun	49505	⅝ inch	7.50
Zabecup	49506	¾ inch	8.00
Zabecur	49507	1 inch	11.00

TWO WIRE.

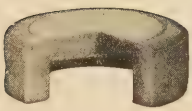
Zabecus	49508	⅜ inch	7.00

FIXTURE BLOCKS.

SOFT WOOD OR VARNISHED.

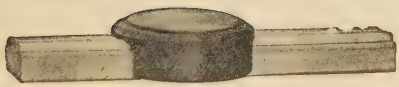
SOLID FIXTURE BLOCK.

			Per 100.
Zabecut	49509	3 inch	6.00
Zabecuv	49510	4 inch	9.00
Zabecuw	49511	5 inch	12.00
Zabecux	49512	6 inch	15.00



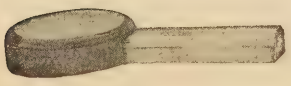
HOLLOW FIXTURE BLOCK.

Zabecuz	49513	3 inch	6.00
Zabeda	49514	4 inch	9.00
Zabedab	49515	5 inch	12.00
Zabedad	49516	6 inch	15.00



MOULDING FIXTURE BLOCK.

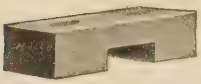
Zabedaf	49517	3 inch	6.00
Zabedag	49518	4 inch	9.00
Zabedah	49519	5 inch	12.00
Zabedak	49520	6 inch	15.00



TERMINAL FIXTURE BLOCK.

Zabedal	49521	3 inch	6.00
Zabedam	49522	4 inch	9.00
Zabedan	49523	5 inch	12.00
Zabedap	49524	6 inch	15.00

FIBRE CLEATS.



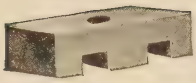
STYLE "A."

Made with Single Groove for Twin or Parallel Wires.

Dimensions:

¾ in. long, 13/32 in. wide.
¼ in. thick, ¼ x ⅛ in. groove.

Code Word.	List No.	List Price Per 1000.
Zacataz	16547	$8.60



STYLE "B."

Made with two Grooves and especially adapted for Twisted Pair Telephone Wires. Only one screw necessary to hold Cleat firmly in position.

Dimensions:

¾ in. long, 13/32 in. wide.
¼ in. thick, ⅛ x ⅛ in. groove.

Zacate	16548	9.00

STYLE "C."

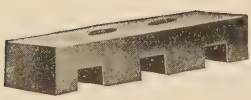
Corner Cleat. The smallest, strongest and neatest Cleat on the market.

Dimensions:

11/16 in. long, 13/32 in. wide.
¼ in. thick, ¼ x ⅛ in. groove.

Zacateb	16549	8.00

STYLE "D."

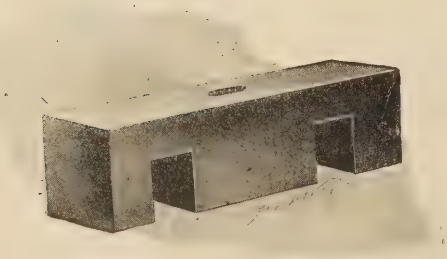


Made for three wires and takes up very little room. If installed with brass or nickel screws, makes a very pleasing appearance.

Dimensions:

1⅛ in. long, 13/32 in. wide.
¼ in. thick, ⅛ x ⅛ in. grooves.

Zacatec	16550	13.00



STYLE "E."

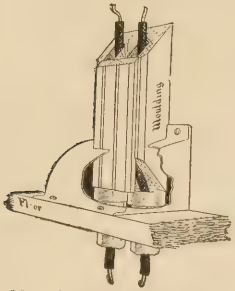
For fastening Electric Light Wires to Switchboards, Motor Frames, Starting Panels, Controllers, etc. Used extensively in Automobile and Storage Battery work. Replaces Metal Cleats, which in time cut the insulation from the wires.

Dimensions:

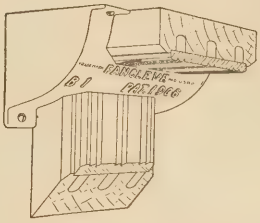
1⅝ in. long, 9/16 in. wide.
½ in. thick, ¼ x ¼ in. grooves.

Zacated	16551	30.00

MOULDING BOXES.



A No. 1—Regular Pattern.



B No. 1—Angle Pattern.

Stock Finish, Black Enamel.

STYLE "A" BOXES FOR TWO-WIRE MOULDINGS.

Code Word.	List No.	Mfr. No.	Size of Groove in Moulding.	Number of Conductors.	Size of Wire B. & S. Gauge.	Number of Circuits.	List Price, Each Regular Pattern.	List Price, Each Angle Pattern.
Zafekic	12703	1	1/4 inch	2	14-12	1	$0.20	$0.20
Zafekid	12704	2	1/4 inch	4	14-12	2	.30	.30
Zafekif	12705	3	1/4 inch	6	14-12	3	.50	.50
Zafekig	12706	4	1/4 inch	8	14-12	4	.65	.65
Zafekih	12707	5	1/4 inch	10	14-12	5	.80	.80
Zafekik	12708	6	1/4 inch	12	14-12	6	.95	.95
Zafekil	12709	7	1/4 inch	14	14-12	7	1.05	1.05
Zafekim	12710	8	1/4 inch	16	14-12	8	1.20	1.20
Zafekin	12711	11	3/8 inch	2	10-8	1	.30	.30
Zafekip	12712	12	3/8 inch	4	10-8	2	.45	.45
Zafekir	12713	13	3/8 inch	6	10-8	3	.60	.60
Zafekis	12714	21	1/2 inch	2	6-4	1	.40	.40
Zafekit	12715	22	1/2 inch	4	6-4	2	.60	.60
Zafekiv	12716	31	5/8 inch	2	2-1	1	.50	.50
Zafekiw	12717	41	3/4 inch	2	0-00	1	.60	.60
Zafekix	12718	51	7/8 inch	2	000	1	.70	.70
Zafekiy	12719	61	1 inch	2	0000	1	.80	.80

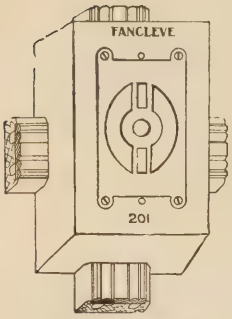
STYLE "B" BOXES FOR THREE-WIRE MOULDING.

Zafekiz	12720	732	7/32 inch	3	14	1	.30	.30
Zafeko	12721	733	7/32 inch	6	14	2	.45	.45
Zafekob	12722	1	1/4 inch	3	14-12	1	.30	.30
Zafekoc	12723	2	1/4 inch	6	14-12	2	.45	.45
Zafekod	12724	3	1/4 inch	9	14-12	3	.60	.60
Zafekof	12725	11	3/8 inch	3	10-8	1	.40	.40
Zafekog	12726	12	3/8 inch	6	10-8	2	.60	.60
Zafekoh	12727	13	3/8 inch	9	10-8	3	.75	.75
Zafekok	12728	21	1/2 inch	3	6-4	1	.50	.50
Zafekol	12729	22	1/2 inch	6	6-4	2	.65	.65
Zafekom	12859	31	5/8 inch	3	2-1	1	.60	.60
Zafekon	12860	41	3/4 inch	3	0-00	1	.70	.70
Zafuval	12866	51	7/8 inch	3	000	1	.80	.80
Zafuvam	12867	61	1 inch	3	0000	1	.90	.90

Always Specify Whether Regular or Angle Pattern Is Desired.

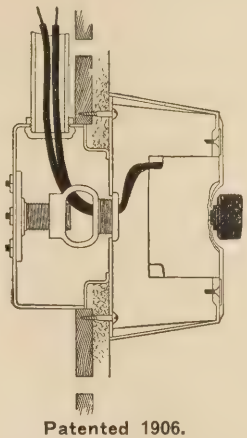
FANCLEVE SWITCH OR RECEPTACLE BOXES

FOR MOULDINGS.

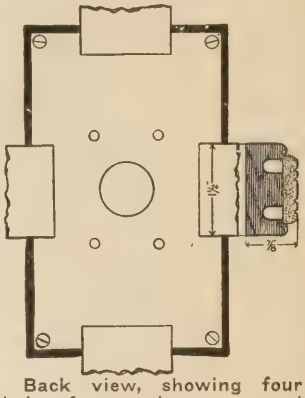


Patented 1906.
Perspective view, showing Universal Lid.

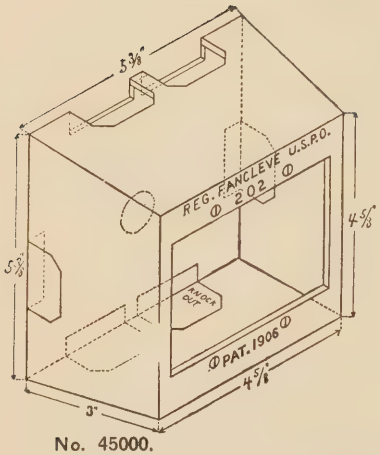
No. 44999.



Patented 1906.
Cross section, showing application to concealed outlet on wall or ceiling, with flush switch mounted.



Back view, showing four holes for wood screws and centre hole for conduit.



No. 45000.

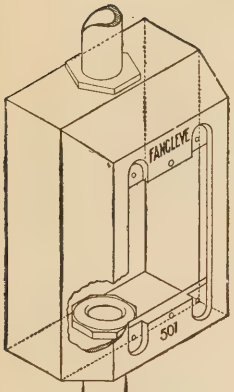
These are designed to facilitate the use of flush switches or receptacles of standard make, with moulding work, and also in conjunction with rigid conduits. By referring to the cuts it will be seen that the back is a separable sheet of steel, so recessed that mouldings cannot be inserted far enough to injure the contents of the box, and to facilitate enlarging the moulding ports by emery wheel, file, or hacksaw, should it be necessary to use a three-wire or odd size of moulding at any port. The "knock-outs" on the sides and ends are steel chills shrunk into the iron, as opposed to weakened portions, and can be removed by one blow of a hammer without injuring the box, and leave a perfectly clean port. For use as a junction box only, there is a blank lid. For mounting any surface fitting, there is a universal lid. For use with flush receptacles or switches no lid is used; the plate of the switch or receptacle covers the face of the box. Hickey No. 0700 is used to fasten this box to a concealed outlet. The female end (⅜ in. I. P. S) screws on to the fixture stud in the concealed box, and the male end (½ in. I. P. S.) projects through the orifice in the back of the box, and a conduit bushing makes up thereon against the inside of the back plate, holding the appliance against the wall, ceiling, or floor. These boxes are convenient for protecting receptacles on floors, the conduit entering from beneath. Blank or universal lids are arranged for single boxes only. Black enamel finish.

Special Hickey No. 0700. ⅜ in. Female by ½ in. Male.

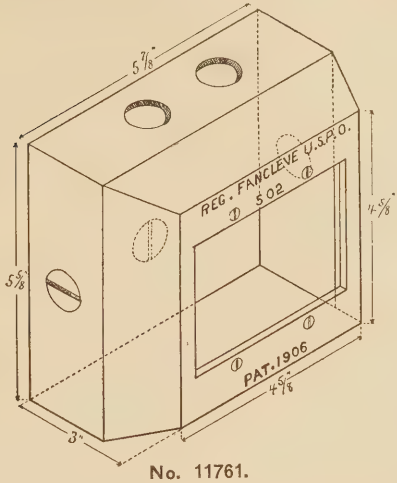
Code Word.	List No.	Mfr. No.	Approx. Shipping Wt. per 100 Pieces, Lbs.	List Price Each.
Zowul	44999	201	225	$0.80
Zowum	45000	202	325	1.25
Zowun	45001	203	400	1.75
Zowup	45002	204	500	2.25
Zowur	45003	0700 Hickey	...	.08
Zowus	45004	Universal Lid	...	.15
Zowut	45005	Blank Lid	...	.12

FANCLEVE SWITCH BOXES

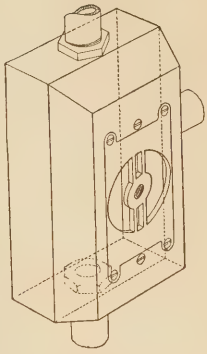
FOR EXPOSED CONDUITS.



No. 11760.



No. 11761.

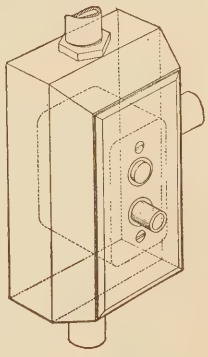


No. 11760, with Universal Lid.

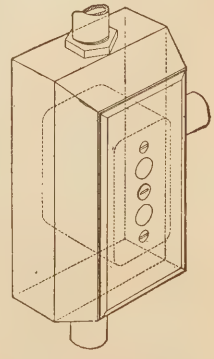
Switch or receptacle boxes for exposed conduits (rigid or flexible metallic). These are made from single to eight gang. The holes for conduit are drilled ⅞ of an inch for ⅝-inch conduit, but are centered, so that if a larger conduit is necessary there is sufficient space left for reaming to an increased size of pipe. No. 501 single boxes in stock have three ⅞-inch holes, namely, one on each end and one on one side. Gangs have sealed holes on each end and as many holes on one side as it has capacity for switches or receptacles. If the stock drilling does not meet what the conditions require, we will drill them to suit. Owing to both ends having conduit inlets, the boxes may be inverted, so that conduits running up or down can enter. The faces of these boxes are made to fit standard plates, but sufficient margin is left to seat any smaller plate. Steel seals are provided to close up any unused outlet. The single box (No. 501) has depressions in the face to accommodate the ears of a flush lid (blank or universal), which may be used to make the box a junction instead of a switch or receptacle box. The universal lid or cover is used when the interior of the box is used for junctions, and it is desirable to mount any surface fitting such a wall socket, receptacle, snap switch, or bracket tube outside. The stock finish is black enamel, but we can furnish them galvanized at a slight advance if desired.

No. 11768. Universal Lid.

No. 11769. Blank Lid.



No. 11760, with Push Button Switch.

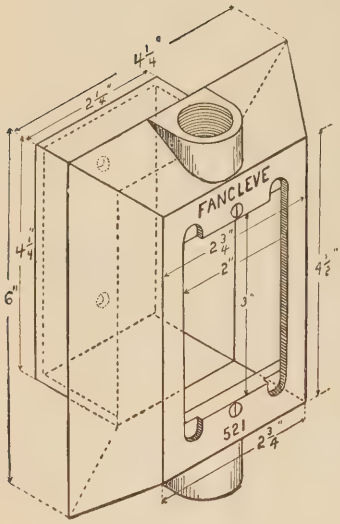


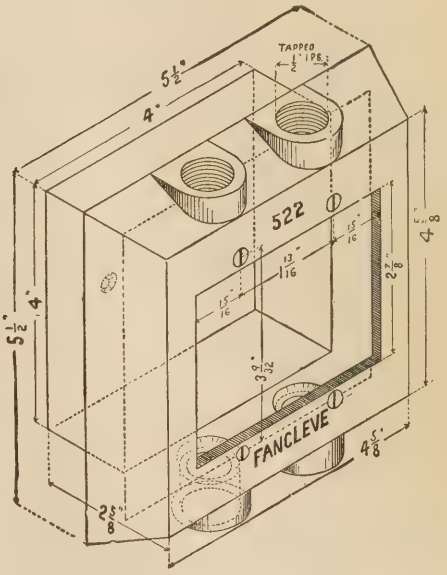
No. 11760, with Flush Receptacle.

Code Word.	List No.	Mfr. No.	Style.	Approx. Shipping Weight per 100 Pieces, Pounds.	List Price Each.
Zabudix	11760	501	Single	295	$0.75
Zabudiy	11761	502	2-Gang	375	1.25
Zabudiz	11762	503	3-Gang	500	1.75
Zabudo	11763	504	4-Gang	775	2.25
Zabudob	11764	505	5-Gang	900	2.75
Zabudoc	11765	506	6-Gang	1050	3.25
Zabudod	11766	507	7-Gang	1075	4.00
Zabudof	11767	508	8-Gang	1200	4.75
Zabudog	11768	Universal Lid		....	.15
Zabudoh	11769	Blank Lid		....	.12

FANCLEVE SWITCH BOXES

FOR EXPOSED CONDUITS.





Universal Lid.

Blank Lid.

These boxes are intended for flush switches or receptacles with exposed metallic conduits, rigid or flexible. The front flat surface is sufficiently large to seat any standard plate, and from that point is beveled off to an area sufficient to cover any breakage of plaster or brickwork necessary to cut the rear portion of the box into the wall so that the box only projects from the surface of the wall sufficiently to admit the conduits placed against the surface. These boxes are made from single to four gangs. The single switch box No. 521 is arranged to take our blank or universal lids when it is desirable to use the box as a junction only or as a mount for any surface fittings as well as for service as a junction. These beveled edges may be cut to admit wood mouldings entering at a different angle and on the same plane as conduits, which will be found to be a great convenience in some cases. No lock nuts or bushings are required with these fittings. The threads are cut with a bottoming tap and are very easily connected. Any unused conduit pocket can be sealed with an ordinary half-inch socket or nut plug.

The stock finish of these boxes is galvanized, but we can finish them black enamel, if desired, at a slight advance.

Code Word.	List No.	Mfr. No.	Holes.	Tapped, I. P. S., Ins.	Approx. Shipping Wt. per 100 Pieces, Lbs.	List Pr. Each.
Zabivit	21353	521	2	½	350	$1.00
Zabiviv	21354	522	4	½	500	1.75
Zabiviw	21355	523	6	½	650	2.50
Zabivix	21356	524	8	½	800	3.25
Zabiviy	21357	Universal Lid	...	...	...	.15
Zabiviz	21358	Blank Lid	...	...	...	.12

MONOLITHIC CONDUIT.

THE NEW CONCRETE CONDUIT.

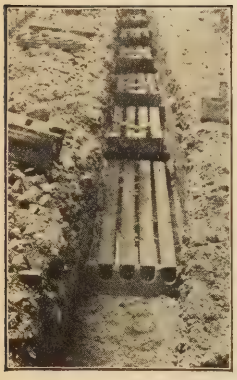
It has been found that all concrete or monolithic conduit possesses many advantages over a conduit built up of pipes of whatever nature, in that with such construction the structure becomes homogeneous; occupies less space for a given number of ducts of equal size; permits perfect inspection of each duct from end to end incidental to the laying of each tier; provides smooth, straight, clear, jointless and fireproof duct openings from manhole to manhole; eliminates handling, fitting, breakage and cost of pipe, requires no factory, and but few and simple special tools; and for average duct sections uses no more material (concrete) than is required for the armor or envelope of pipe construction .

For example, for an eight duct section the comparative areas and materials required would be as follows—these being based on figures obtained under actual working conditions with systems in the same city, under the same supervision, and by the same men:

	Monolithic Construction.	Tile Construction.
Width of ditch.....	22¼ in.	25 in.
Depth of ditch.....	13¼ in.	in in.
Conduit area	83.52 sq. in.	*97.04 sq. in.
Concrete area	217.92 sq. in.	214.70 sq. in.
Concrete required per duct foot..	0.19 cu. ft.	0.19 cu. ft.

*The shape of the monolithic duct being that of the letter "U," the space can be more advantageously used than under either a round or square duct.

We are exclusive New England selling agents for the Monolithic Conduit Company. Our royalties for the use of this conduit are so liberal that the user will derive the greater profit. We can save the conduit user money and at the same time produce a conduit superior to anything now in use. We invite investigation and request an opportunity to submit our terms.



We are further prepared to furnish our customers with the services of expert men to oversee the construction of our conduit and to acquaint the customer's own men with the best methods to be used.

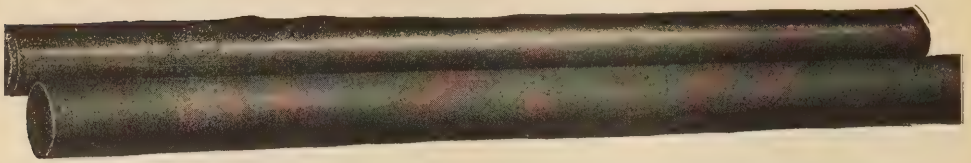
Monolithic conduit differs from all other forms of conduit in the very important essential that no material is required for its construction other than that used for making concrete. Our conduit being manufactured in the trench permits the cheapest transportation and handling of the material—all concrete.

When the trench is completed, duct form supports are set in the bottom of it, on 16-foot centers, which serve to hold duct forms rigidly in place. After the duct forms are placed, concrete is dumped into the trench, properly tamped and puddled, and struck off level with the top of the duct forms, and allowed to take its initial set, after which the forms are removed by simply lifting them up. The trench now contains a solid layer of concrete in which smooth U-shaped grooves have been formed.

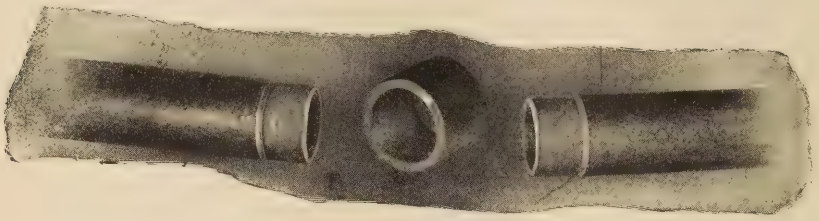
After the duct forms are removed, the layer of concrete containing the groves is covered with thin smooth slabs or plates of concrete molded on the site of the work, which serve the double purpose of closing in the top of the newly formed ducts, and as the foundation or support for the next layer of concrete in which the next tier of ducts are formed; this simple operation being repeated until the predetermined number of layers or tiers of ducts have been made; the upper or last tier being covered with slabs and a layer of concrete of the same thickness as the side and bottom walls of the conduit structure, thus completing the work ready for refilling the trench and repaving the street.

FURTHER INFORMATION AND PRICES ON APPLICATION.

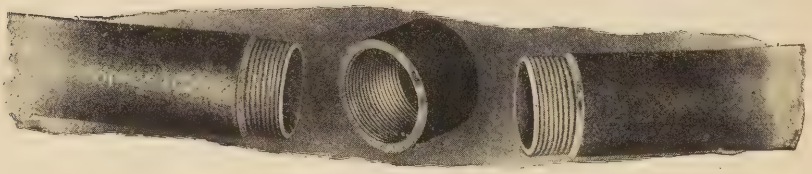
FIBRE CONDUIT



Socket Joint Fibre Conduit



Sleeve Joint Fibre Conduit



Screw Joint Fibre Conduit

SOCKET JOINT FIBRE CONDUIT

Code Word	List No.	Inside Diameter	Thickness of Wall	Weight Per Foot	Price Per Foot Including Coupling
Zafezon	35965	1½ inches	¼ inch	.7 pound	$0.08
Zafezop	35966	2 "	¼ "	.85 "	.09
Zafezor	35967	2½ "	¼ "	1.02 "	.10
Zafezos	35968	3 "	¼ "	1.20 "	.12
Zafezot	35969	3½ "	¼ "	1.40 "	.14
Zafezov	35970	4 "	¼ "	1.60 "	.16

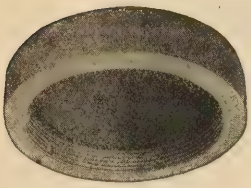
SLEEVE JOINT FIBRE CONDUIT

Zafezow	35971	1½ inches	¼ inch	.8 pound	$0.12
Zafezox	35972	2 "	¼ "	.95 "	.14
Zafexoy	35973	2½ "	¼ "	1.15 "	.16
Zafezoz	35974	3 "	¼ "	1.35 "	.18
Zafezu	35975	3½ "	7/16 "	2.90 "	.28
Zafezub	35976	4 "	½ "	3.33 "	.35

SCREW JOINT FIBRE CONDUIT

Zafezuc	35977	2½ inches	⅜ inch	1.75 pounds	$0.18
Zafezud	35978	3 "	7/16 "	2.40 "	.24
Zafezuf	35979	3½ "	7/16 "	2.90 "	.32
Zafezug	35980	4 "	½ "	3.33 "	.40

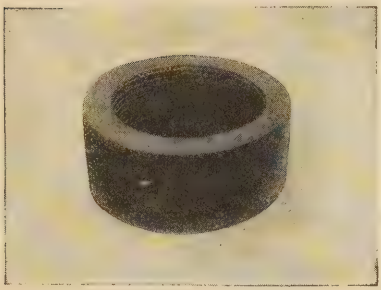
FIBRE CONDUIT ACCESSORIES



3-Inch Screw Bend with Coupling. 90°—36-Inch Radius.

Junction Box.

3-Inch Socket Bend. 90°—36-Inch Radius.



Cap.

Tee.

PRICE LIST OF FITTINGS.

Bends 45° and 90°

Size For Conduit	1½-in.	2-in.	2½-in.	3-in.	3½-in.	4-in.
Socket,	$1.80	1.95	2.10	2.40	2.70	3.00
Sleeve,	2.40	2.70	3.00	3.30	4.80	5.85
*Screw,			3.30	4.20	5.40	6.60

Elbows 22°, 45°, 90°.

	1.00	1.20	1.40	1.80	2.30	2.80

Tees.

	1.50	1.80	2.20	2.80	3.40	4.00

Crosses.

	1.90	2.40	2.90	3.80	4.65	5.50

Caps or Plugs.

	.50	.60.	70	.80	.90	1.00

Couplings.

Sleeve,	.20	.22	.24	.26	.36	.43
Screw,			.30	.36	.44	.52

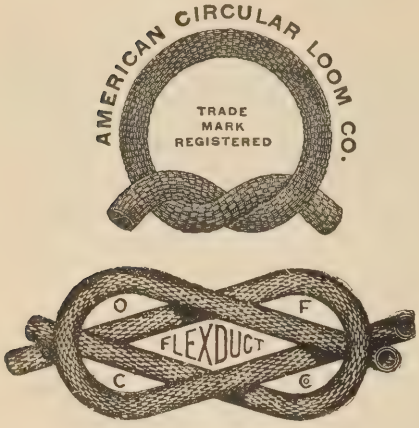
Reducers Largest End.

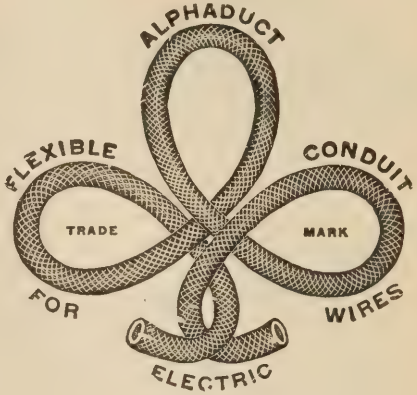
Socket,	.46	.48	.50	.54	.58	.62
Sleeve,	.54	.58	.62	.66	.86	1.00
Screw,			.66	.78	.94	1.00

Junction Boxes, All Sizes, $6.60 Each.

* Includes 2 Couplings.

NON-METALLIC FLEXIBLE CONDUIT.





APPROVED BY NATIONAL BOARD OF FIRE UNDERWRITERS.

American Circular Loom is constructed of a spiral of high insulating fibre, wound with rubber friction tape over which is a continuous woven jacket of cotton saturated with insulating compound.

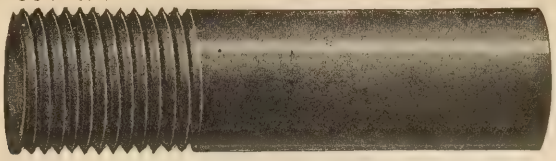
Flexduct is made of special fibre, interwoven with a flexible warp, and is treated with a special insulating compound making it one inseparable tube.

Alphaduct consists of an inner wall of heavy canvas, waterproofed, over which a hard fibre cord is wound, and this is covered with a woven jacket thoroughly waterproofed.

Code Word.	List No.	Inside Diameter.	Feet in Coil.	Weight Per 1000 ft.	List Price, per Foot.
Zamun	17583	¼ inch	250	75 lbs	$0.06
Zamup	17584	⅜ inch	250	110 lbs	.07
Zamur	17585	½ inch	200	125 lbs	.08
Zamus	17586	⅝ inch	200	155 lbs	.10
Zamut	17587	¾ inch	150	200 lbs	.12
Zamuv	17588	1 inch	100	275 lbs	.16
Zamuw	17589	1¼ inch	100	360 lbs	20
Zamux	17590	1½ inch	100	400 lbs	.34
Zamuz	17591	1¾ inch	100	440 lbs	.40
Zana	17592	2 inch	Odd lengths	600 lbs	.50
Zanab	17593	2¼ inch	Odd lengths	700 lbs	.65

IRON CONDUIT.

LIST PRICES COVER ALL MAKES OF PLAIN AND GALVANIZED TYPES.



APPROVED BY THE NATIONAL BOARD OF FIRE UNDERWRITERS.

TUBE.

Code Word.	List No.	Standard Size Pipe.	Actual Internal Diameter.	Outside Diameter.	Nominal Weight per 100 feet.	No. of Threads per inch of Screw.	List Price per 100 feet.
Zamiw	17553	½ in.	39-64 in.	54-64 in.	85 lbs.	14	$12.50
Zamix	17554	¾ in.	52-64 in.	1 4-64 in.	112 lbs.	14	16.00
Zamiz	17555	1 in.	1 2-64 in.	2 21-64 in.	167 lbs.	11½	21.00
Zamo	17556	1¼ in.	1 24-64 in.	1 43-64 in.	224 lbs.	11½	30.00
Zamob	17557	1½ in.	1 38-64 in.	1 58-64 in.	268 lbs.	11½	34.00
Zamod	17558	2 in.	2 4-64 in.	2 25-64 in.	361 lbs.	11½	47.00
Zamof	17559	2½ in.	2 30-64 in.	2 57-64 in.	594 lbs.	8	73.00
Zamog	17560	3 in.	3 2-64 in.	3 32-64 in.	754 lbs.	8	107.00
Zamoh	17561	3½ in.	3 34-64 in.	4 in.	900 lbs.	8	141.00
Zamok	17562	4 in.	4 4-64 in.	4 32-64 in.	1066 lbs.	8	175.00

ELBOWS.

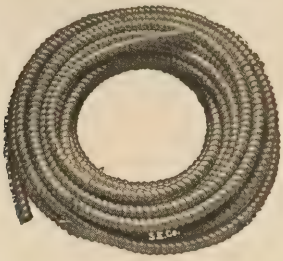
		Standard Size Pipe.	No. Threads per inch.	List Price, per 100.
Zamol	17563	½ in.	14	22.00
Zamom	17564	¾ in.	14	27.00
Zamon	17575	1 in.	11½	45.00
Zamop	17566	1¼ in.	11½	70.00
Zamor	17567	1½ in.	11½	115.00
Zamos	17568	2 in.	11½	200.00
Zamot	17569	2½ in.	8	310.00
Zamov	17570	3 in.	8	900.00
Zamow	17571	3½ in.	8	2000.00
Zamox	17572	4 in.	8	2295.00

COUPLINGS.

Zamoz	17573	½ in.	14	8.00
Zamu	17574	¾ in.	14	11.00
Zamub	17575	1 in.	11½	13.00
Zamud	17576	1¼ in.	11½	17.00
Zamuf	17577	1½ in.	11½	21.00
Zamug	17578	2 in.	11½	28.00
Zamuh	17579	2½ in.	8	40.00
Zamuk	17580	3 in.	8	60.00
Zamul	17581	3½ in.	8	100.00
Zamum	17582	4 in.	8	140.00

GREENFIELD FLEXIBLE STEEL CONDUIT AND FITTINGS

DOUBLE STRIP TYPE.



Code Word	List No.		Approx. Feet in Coil.	List Price Per 100 Ft.
Zavub	18194	5/16 inch	250	$5.00
Zavud	18195	⅜ inch	250	7.50
Zavuf	18196	½ inch	100	10.00
Zavug	18197	¾ inch	50	13.00
Zavuh	18198	1 inch	50	21.00
Zavuk	18199	1¼ inch	50	31.00
Zavum	18201	1½ inch	25	42.00
Zavur	18204	2 inch	25	57.00

COUPLINGS AND LEAD BUSHINGS.

For D. S. Type Flexible Steel Conduit.

No. 18200.

No. 18203.

			Diameter ⅜	½	¾	1	1¼	1½	2
Zavul	18200	Couplings, No. 5104, per 100.	$8.50	$9.25	$12.00	$16.00	$22.00	$30.00	$43.00
Zavun	18202	Lead Bushings, No. 5320, per 100	.90	.95	1.30	1.70	2.50	5.00	7.50
Zavup	18203	*Clamp Combination Coupling, No. 5105, per 100		12.50	16.00	21.00	30.00	40.00	60.00

*This Coupling is used to continue rigid to flexible conduit, or vice versa.

Orders should specify size desired.

BOX FITTINGS.

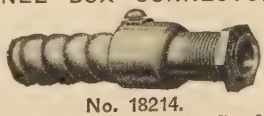
No. 18211.

BOX CONNECTORS.

		Mfr. No.		Std Pkg.	Per 100
Zawa	18211	5122	For ¾-inch Flexible Conduit	50	$7.50
Zawab	18212	5123	For 1-inch Flexible Conduit	10	10.00
Zavus	18205	5123¼	For 1¼-inch Flexible Conduit	10	14.00
Zavut	18206	5124	For 1½-inch Flexible Conduit	10	20.00
Zavuv	18207	5124¼	For 2-inch Flexible Conduit	10	26.00

Outlet Bushings are furnished in Enamelled and Galvanized Finish. Above prices include locknuts.

PANEL BOX CONNECTORS.



No. 18214.

Zawaf	18214	5126	For ½-inch Flexible Conduit	$8.00
Zawag	18215	5127	For ¾-inch Flexible Conduit	10.00
Zawah	18216	5128	For 1-inch Flexible Conduit	14.00
Zawak	18217	5128¼	For 1¼-inch Flexible Conduit	20.00
Zawal	18218	5129	For 1½-inch Flexible Conduit	28.00
Zawam	18219	5129¼	For 2-inch Flexible Conduit	36.00

Panel Box Terminal Bushings are furnished in Enamelled and Galvanized Finish. Above prices include locknuts.

GREENFIELD FLEXIBLE STEEL ARMORED CONDUCTORS.

Flexible Steel Armored Conductors.

Steel Armored Flexible Cord.

Twin Conductors, Type BX.

Twin Conductors, Type BXL.

Code Word.	List No.		Approximate Feet in Coil.	List Price Per 1000 Ft.
		TWIN CONDUCTORS. TYPE BX.		
Zatox	18101	No. 14 B. & S.	200-250	$104.00
Zatoz	18102	No. 12 B. & S.	200-250	135.00
Zatu	18103	No. 10 B. & S.	200-250	185.00
Zatub	18104	No. 8 B. & S.	100-150	210.00
Zatud	18105	No. 6 B. & S. (Stranded)	100	370.00
Zavux	18209	No. 4 B. & S. (Stranded)	100	575.00
		TWIN CONDUCTORS. TYPE BM. For Marine Work.		
Zatuf	18106	No. 14 B. & S.	200	139.00
Zatug	18107	No. 12 B. & S.	200	189.00
Zatuh	18108	No. 10 B. & S.	150	220.00
		THREE CONDUCTORS. TYPE BX3.		
Zatuk	18109	No. 14 B. & S.	200-250	138.00
Zatul	18110	No. 12 B. & S.	200-250	170.00
Zatum	18111	No. 10 B. & S.	150-200	235.00
Zaviza	24524	No. 8 B. & S.	150	325.00
Zavuz	18210	No. 6 B. & S. (Stranded)	100	472.00
		SINGLE CONDUCTOR. TYPE D.		
			Solid.	Stranded.
Zatun	18112	No. 10 B. & S. 250	$90.00	95.00
Zatup	18113	No. 8 B. & S. 250	106.00	115.00
Zatur	18114	No. 6 B. & S. 250	145.00	160.00
Zatus	18115	No. 4 B. & S. 200	.....	205.00
Zatut	18116	No. 2 B. & S. 200	.....	266.00
Zatuv	18117	No. 1 B. & S. 100	.....	315.00
		TWIN CONDUCTORS. TYPE BXL. Lead Covered and Steel Armored.		
Zatuw	18118	No. 12 B. & S.	150-200	164.00
Zautx	18119	No. 14 B. & S.	150-200	211.00
Zatuz	18120	No. 10 B. & S.	150	255.00
Zacizab	24525	No. 8 B. & S. (Stranded)	150	325.00
Zawad	18213	No. 6 B. & S. (Stranded)	100	625.00
		THREE CONDUCTORS. TYPE BXL3. Lead Covered and Steel Armored.		
Zava	18121	No. 14 B. & S.	150	222.00
Zavab	18122	No. 12 B. & S.	150	257.00
Zavad	18123	No. 10 B. & S.	150	292.00
Zavay	18138	No. 8 B. & S. (Stranded)	150	350.00
		SINGLE CONDUCTORS. TYPE DL. Lead Covered and Steel Armored.		
Zavaf	18124	No. 10 B. & S.	250	120.00
Zavag	18125	No. 8 B. & S.	200	145.00
Zavah	18126	No. 6 B. & S.	200	196.00
Zavak	18127	No. 4 B. & S.	150	249.00
Zaval	18128	No. 2 B. & S.	150	319.00
Zavam	18129	No. 1 B. & S.	100	388.00
		STEEL ARMORED FLEXIBLE CORD. TYPE E.		
Zavan	18130	No. 18 B. & S.	250	58.00
Zavap	18131	No. 16 B. & S.	250	65.00
Zavar	18132	No. 14 B. & S.	250	95.00
		STEEL ARMORED FLEXIBLE CORD. TYPE EM (REINFORCED).		
Zavas	18133	No. 18 B. & S.	250	111.00
Zavat	18134	No. 16 B. & S.	250	125.00
Zavav	18135	No. 14 B. & S.	200	145.00

SPRAGUE FITTINGS

BOX AND PANEL BOX CONNECTORS AND ANGLE CONNECTORS.

No. 18145.

No. 36989.

STAMPED STEEL CLAMP BOX CONNECTORS.

Code Word	List No.	Mfr. No.		Std. Pck.	List Price Per 100
Zavek	18145	6120	Takes Nos. 14 and 12 BX, 14 BX3 and 6 D.....	200	$7.50
Zavel	18146	6121	Takes Nos. 10 BX, 12 and 10 BX3, 14 and 12 BXL, 14 and 12 BM, 4D, 6 DL.....	200	7.50
Zavem	18147	6122	Takes Nos. 10 BM, 10 BXL, 14 and 12 BXL3, 2 D, 4 and 2 DL.....	200	7.50
Zaven	18148	6123	Takes Nos. 8 BX, 8 BXL, 10 BXL3, 8 BX3, and ½-inch S. S. type flexible steel conduit....	200	7.50
Zafoduk	36982	6124	Takes No. 6 BX, 8 BXL3, ¾-inch S. S. type, flexible steel conduit.....	200	9.50
Zafodul	36983	6125	Takes 1-inch S. S. type flexible steel conduit..	50	14.00
Zafodum	36984	6130	Takes ½-inch D. S. type flexible steel conduit, and Nos. 8 BX3, 8 BXL, 10 BXL3 and 1 D..	200	7.50

CAST IRON CLAMP BOX CONNECTORS.

*Zafodun	36985	6126	Takes 1¼-inch S. S. type flexible steel conduit..	50	20.00
*Zafodup	36986	6127	Takes 1½-inch S. S. type flexible steel conduit..	30	30.00
*Zafodur	36987	6128	Takes 2-inch S. S. type flexible steel conduit....	20	40.00

STAMPED STEEL PANEL BOX CONNECTORS.

Zafodus	36988	6135	Takes ½-inch D. S. type flexible steel conduit, and Nos. 8 BX3, 8 BXL, 10 BXL3 and 1 D..	100	15.00
Zafodut	36989	6140	Takes Nos. 12 and 14 BX, 14 BX3 and 6 D.....	100	13.00
Zafoduv	36990	6141	Takes Nos. 10 BX, 12 and 10 BX3, 14 and 12 BXL, 14 and 12 BM, 4 D and 6 DL.....	100	13.00
Zafoduw	36991	6142	Takes Nos. 10 BM, 10 BXL, 14 and 12 BXL3, 4 and 2 DL.....	100	13.00
Zafodux	36992	6143	Takes Nos. 8 BX, 8 BX3, 8 BXL and 10 BXL3, 1 D, and ½-inch S. S. type flexible steel conduit	100	13.00
Zafoduy	36993	6144	Takes Nos. 6 BX, 8 BXL3, and ¾-inch S. S. type flexible steel conduit.....	100	18.00

CAST IRON CLAMP PANEL BOX CONNECTORS.

*Zafoduz	36994	6145	Takes 1-inch S. S. type flexible steel conduit....	20	21.00
*Zafofa	36995	6146	Takes 1¼-inch S. S. type flexible steel conduit..	20	30.00
*Zafofab	36996	6147	Takes 1½-inch S. S. type flexible steel conduit..	20	40.00
*Zafofac	36997	6148	Takes 2-inch S. S. type flexible steel conduit....	20	54.00

*These Connectors are not of the stamped steel type, but are made of iron of the clamp type.

ANGLE BOX CONNECTORS.

Nos. 36998 and 36999.

Nos. 37000 and 37001.

45 DEGREE CONNECTORS.

Zafofad	36998	6190	For Nos. 14 and 12 BX and 14 BX3.....	200	$13.00
Zafofaf	36999	6191	For ½-inch S. S. type flexible steel conduit.....	200	13.00

90 DEGREE CONNECTORS.

Zafofag	37000	6192	For Nos. 14 and 12 BX, and 14 BX3.....	200	13.00
Zafofah	37001	6193	For ½-inch S. S. type flexible steel conduit....	200	13.00

Above prices include locknuts.
Connectors are furnished in galvanized finish.

SPRAGUE CONDUIT FITTINGS

BRASS INSULATED BUSHINGS FOR GREENFIELD STEEL ARMORED FLEXIBLE CORD.

Nos. 18139 and 18143.

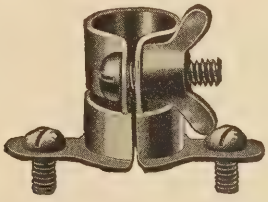
No. 18144.

These Bushings are used to connect Steel Armored Flexible Cord to Covers of Outlet Boxes, Rosettes, Sockets, Wall Plugs, etc.

Code Word	List No.	Mfr. No.		Std. Pkg.	List Price Per 100
Zavaz	18139	*6115	For No. 16 or No. 18E cord	200	$7.00
Zaveg	18143	*6116	For No. 14E cord	200	7.00
Zaveh	18144	6117	Brass extension nipple and cap	200	7.00
Zafoduc	36977	6118	Brass cap for Nos. 6115 and 6116	200	2.00

*These Bushings replace Nos. 5302, 5303 and 5304 Bushings of the Set Screw Type formerly made for Type E Cord.

GALVANIZED STAMPED STEEL GAS PIPE GROUND CLAMPS.

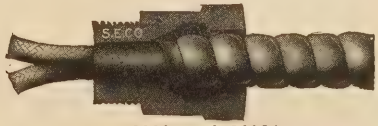


Nos. 36978 and 36979.

These Clamps grip the pipe by means of a thumb screw. The ⅜-inch Clamps are made with a flange so as to close opening around ⅜-inch gas pipe when it is brought through a ½-inch outlet. The ½-inch Clamps are similarly made for a ¾-inch outlet. These Clamps have two extension legs with the same screw centers as standard fixture studs (1½-inch).

Zafodud	36978	6100	⅜-inch gas pipe ground clamp	200	$5.00
Zafoduf	36979	6101	½-inch gas pipe ground clamp	200	5.00

GALVANIZED WATERTIGHT STUFFING BUSHINGS.

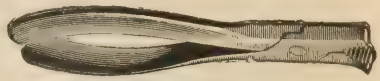


Nos. 36980 and 36981.

Galvanized Watertight Stuffing Bushings are furnished for Nos. 14, 12 and 10 BXL, and make an absolutely watertight connection for BXL Cable when entering into a box.

Zafodug	36980	6104	Bushing for Nos. 14 and 12 BXL	100	$32.00
Zafoduh	36981	6105	Bushing for No. 10 BXL	100	42.00

SPRAGUE CONDUIT TOOLS.



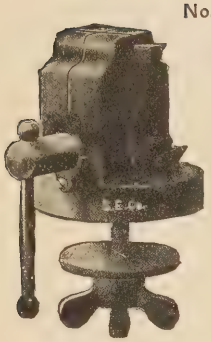
No. 18093.

Code Word.	List No.			List Price Each.
Zatol	18092	6812	New cable armor cutter, for cable or cord	$0.75
Zatom	18093	6813	Cord armor cutter, for both types of steel, armored flexible cord	.55

No. 18092.

TO REMOVE THE ARMOR

clamp the conductor firmly in the armor cutter, and with a pair of cutting pliers unwind the armor one strip at a time to the point of contact with the cutting edge of the tool.



No. 18094.

SPECIAL VISE.

This Vise is arranged with a slot to act as a guide for the hack saw blade. A cutting blade is provided at the upper right side, with which to remove the armor of conductors. This vise can be used for all sizes of Greenfield "S. S." and "D. S." Types of flexible steel conduits, armored conductors and cord.

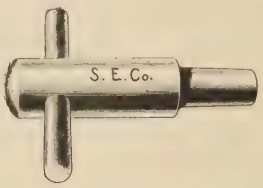
Zaton	18094	6814	Special Vise	3.00

STAR BRAND FLEXIBLE HACK SAW BLADE.

These blades are made of flexible tempered steel, and are particularly adapted for use with Greenfield flexible steel conduit, Types "S. S." and "D. S."

			Per Doz.
Zatop	18095	8 inch	1.25
Zator	18096	9 inch	1.50
Zatos	18097	10 inch	1.75

Bushing Tool and Lead Bushings.

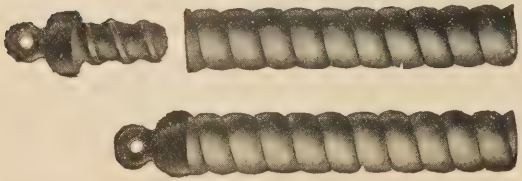


No. 18098. No. 18099.

				⅜	½	¾	1	1¼	1½	2
Zatot	18098	6815	Bushing Tool	.30	.30	.40	.50	...	.75*	...
Zatov	18099	5320	Lead Bushing	.90	.95	1.30	1.70	2.50	5.00	7.00

Bushing Tool is list price each. Bushings are list price per 100.
*This Bushing Tool is made of hard wood and takes three sizes.

FISH PLUGS.



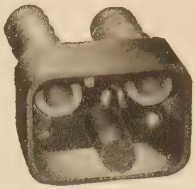
These fish plugs, which are made for ⅜-inch, ½-inch, and ¾-inch Greenfield Flexible "S. S." Type and "D. S." Type of Steel Conduit, will be furnished free on application and will be found very useful in drawing in the conduit in finished buildings where it is desired to fish it under floors or in partitions.

Zatow	18100	Staples, all sizes. Per lb	.20
Zacunu	9279	Pipe Straps, all sizes. Per lb	.25
Zacunub	9280	Fish Wire, Per 100 feet	2.10

SPRAGUE OUTLET AND SWITCH BOXES.

TYPE N, OUTLET BOXES FOR 1-2 INCH FLEXIBLE STEEL CONDUIT.

No. 17964.



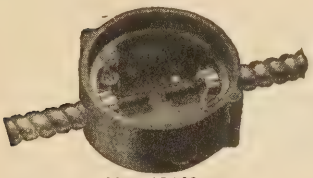
No. 17965.

Code Word.	List No.	Mfr. No.		List Price, Each.
Zatan	17964	5220	Gas and Electric, 2-Way, for ½-inch Flexible Conduit....	$0.15
Zatap	17965	5221	Electric only, 2-Way, for ½-incn Flexible Conduit.....	.17

No. 18136.

No. 18137.

				Outside Dimension.	
Zavaw	18136	5224	Electric only, 4-Way.....	3⅝x1⅛	.21
Zavax	18137	5225	Gas and Electric, 4-Way.....	3⅝x1⅛	.19



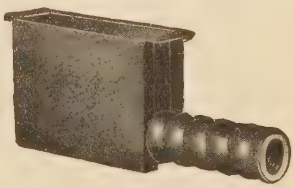
No. 18140.

No. 18142.

Zaveb	18140	1904	For No. 14 and No. 12 BX Conductors, each.....	.24
Zaved	18141	1905	For ½-inch Flexible Conduit, each.....	.24
Zavef	18142	5115	Outlet Bushing, for No. 14 or No. 12 BX, per 100.....	1.75
Zadolor	3213	5116	Outlet Bushing, for Nos. 14 and 12 BX3 and 10 BX, per 100	3.00

SPRAGUE SWITCH BOXES.

No. 18167.
Split Clamp Switch Box
for New Buildings.
3½x4¾x2¾ in. deep.
Outside Dimensions.



No. 18169.
Door Switch Box.
1¼x2 9-16x3¾ in. deep.
Outside Dimensions.

Zavip	18167	5281	For ½-inch Flexible Conduit, for 1 switch only.....	.26
Zavis	18169	5291	For Nos. 14 or 12BX Conductors, for 1 switch only.....	.26
Zadolis	3205	5950	Door Switch Box, for ½-inch Flexible Steel Conduit.....	.26
Zadoliv	3207	5951	Door Switch Box, for No. 14 and No. 12BX Conductors...	.26
Zadolix	3209	5952	Door Switch Box, for ½-inch Rigid Conduit (without nipple or bushings)	.20
Zadoliz	3211	5953	Door Switch Box, for ½-inch Rigid Conduit (with nipple, bushing and check nut)	.31

SPRAGUE OUTLET BOXES.

JUNCTION AND OUTLET BOXES FOR FLEXIBLE STEEL CONDUIT AND ARMORED CONDUCTORS.

Round Boxes.

Square Boxes.

JUNCTION AND OUTLET BOXES FOR FLEXIBLE STEEL CONDUIT.

Code Word.	List No.	Mfr. No.		½ Inch.	¾ Inch.
Round Unlined Boxes.			**Outside Dimensions: 4x1¾ Inches Deep.**	**Inside: 3⅜x1½ Inches.**	
Zatat	17968	5040	Angle Box	$0.26	$0.31
Zatav	17969	5041	1 Way Box	.22	.28
Zataw	17970	5042	2 Way Box	.26	.31
Zatax	17971	5043	3 Way Box	.30	.38
Zataz	17972	5044	4 Way Box	.34	.44
Round Unlined Boxes.			**Outside Dimensions: 2⅞x1¾ Inches Deep.**	**Inside: 2¼x1½ Inches.**	
Zate	17973	5140	Angle Box	.22	.27
Zateb	17974	5141	1 Way Box	.19	.22
Zated	17975	5142	2 Way Box	.22	.27
Zatef	17976	5143	3 Way Box	.25	.33
Zateg	17977	5144	4 Way Box	.28	.38
Square Unlined Boxes.			**Outside Dimensions: 3½x2 Inches Deep.**	**Inside: 3¼x1⅞ Inches.**	
Zateh	17978	5250	Angle Box	.33	.38
Zatek	17979	5251	1 Way Box	.29	.32
Zatel	17980	5252	2 Way Box	.33	.38
Zatem	17981	5253	3 Way Box	.37	.44
Zaten	17982	5254	4 Way Box	.41	.50

JUNCTION AND OUTLET BOXES FOR ARMORED CONDUCTORS.

Round Unlined Boxes. Outside Dimensions: 4x1¾ Inches Deep. Inside: 3⅜x1½ Inches.

Code Word.	List No.	Mfr. No.		No. 14 or No. 12 BX Conductors.
Zatep	17983	5050	Angle Box.	$0.26
Zater	17984	5051	1 Way Box	.22
Zates	17985	5052	2 Way Box	.26
Zatet	17986	5053	3 Way Box	.30
Zatev	17987	5054	4 Way Box	.34

Round Unlined Boxes. Outside Dimensions: 2⅞x1¾ Inches Deep. Inside: 2¼x1½ Inches.

Code Word.	List No.	Mfr. No.		No. 14 or No. 12 BX Conductors.
Zatew	17988	5150	Angle Box.	.22
Zatex	17989	5152	1 Way Box	.19
Zatez	17990	5152	2 Way Box	.22
Zati	17991	5153	3 Way Box	.25
Zatib	17992	5154	4 Way Box	.28

Square Unlined Boxes. Outside Dimensions: 3½x2 Inches Deep. Inside: 3¼x1⅞ Inches.

Code Word.	List No.	Mfr. No.		No. 14 or No. 12 BX Conductors.
Zatid	17993	5260	Angle Box.	.33
Zatif	17994	5261	1 Way Box	.29
Zatig	17995	5262	2 Way Box	.33
Zatih	17996	5263	3 Way Box	.37
Zatik	17997	5264	4 Way Box	.41

NOTE.—Over-all dimensions: Outlets extend ⅝ inch beyond outside dimensions as given above.

The above Boxes are also furnished LINED, with a Black Japan Finish. For list prices of LINED Boxes add 4c. per box from above list prices.

For above Boxes with Fixture Support add 8c. per box to above list prices.

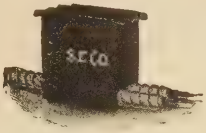
For above Boxes with outlets for larger size conductors up to and including No. 10 BX, add to list price 3c. per outlet. These boxes are furnished without covers unless so ordered.

PLAIN OR CANOPY COVERS FOR ABOVE BOXES.

Round.	Round.	Square.
No. 521 for 2¼ inch Box. Add 5c. to list price.	No. 522 for 3⅜ inch Box. Add 6c. to list price.	No. 523 for 3½ inch Box. Add 7c. to list price.

SPRAGUE SWITCH BOXES.

No. 17998.



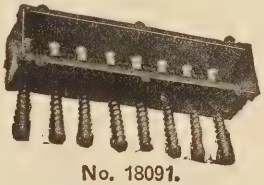
No. 18084.

Outside Dimensions: 2 inches wide, 3⅛ inches long, 3½ inches deep.

TANDEM, FOR RECTANGULAR BASE FLUSH SWITCHES.

Code Word.	List No.	Mfr. No.		List Price, Each.
Zatil	17998	5960	2 Gang Tandem Switch Box with outlets for No. 14 or No. 12 type BX conductors	$1.00
		5961	3 Gang, ditto	1.50
Zatim	17999	5965	2 Gang Tandem Switch Box with outlets for ½ inch flexible conduit	1.00
		5966	3 Gang, ditto	1.50

SWITCH BOXES FOR ½ INCH FLEXIBLE STEEL CONDUIT.



No. 18091.

Eight Gang Box.

				Outside Dimensions— Width.	Length.	Height.	
Zatin	18076	5971	Box for 1 switch	2¼	3⅛	3½	.23
Zatip	18077	5972	Box for 2 switches	3⅝	4¼	3¾	.46
Zatir	18078	5973	Box for 3 switches	3⅝	6	3¾	.69
Zatis	18079	5974	Box for 4 switches	3⅝	7 15/16	3¾	.92
Zatit	18080	5975	Box for 5 switches	3⅝	9⅝	3¾	1.15
Zativ	18081	5976	Box for 6 switches	3⅝	11 9/16	3¾	1.38
Zatiw	18082	5977	Box for 7 switches	3⅝	13 5/16	3¾	1.61
Zatix	18083	5978	Box for 8 switches	3⅝	15 1/16	3¾	1.84

SWITCH BOXES FOR NO. 14 OR NO. 12 TYPE BX CONDUCTORS.

Zatiz	18084	5991	Box for 1 switch	2	3⅛	3½	.25
Zato	18085	5992	Box for 2 switches	3⅝	4¼	3¾	.50
Zatob	18086	5993	Box for 3 switches	3⅝	6	3¾	.75
Zatod	18087	5994	Box for 4 switches	3⅝	7 15/16	3¾	1.00
Zatof	18088	5995	Box for 5 switches	3⅝	9⅝	3¾	1.25
Zatog	18089	5996	Box for 6 switches	3⅝	11 9/16	3¾	1.50
Zatoh	18090	5997	Box for 7 switches	3⅝	13 5/16	3¾	1.75
Zatok	18091	5998	Box for 8 switches	3⅝	15 1/16	3¾	2.00

"CHASE" NIPPLES AND COUPLINGS.

The "Chase" Nipple is made from malleable iron and is finished in either enamel or galvanized, which ever is desired, at the same list price. It forms a perfect mechanical connection between box and conduit, allowing more working room in the box than any other form of bushing made. It prevents abrasion and allows wires to be easily fished. It makes an ideal bushing for finishing work in switch boxes, owing to the small amount of room it occupies.

The "Chase" Coupling allows of adjustability and avoids exactness in cutting conduit, which results in a large saving of labor.

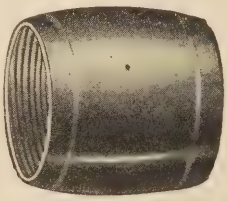
The "Chase" Flexible Coupling is designed to join "Greenfield" flexible metallic conduit to any rigid iron conduit having gas pipe threads. It is also used in connection with the "Chase" Nipple to unite flexible conduit to junction and switch boxes in the most rigid manner.

NIPPLES.

No. 47481.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Per 100.
Zabahor	47480	3620	⅜ inch	1000	$5.00
Zabahos	47481	3621	½ inch	1000	5.00
Zabahot	47482	3622	¾ inch	100	8.00
Zabahov	47483	3623	1 inch	100	15.00
Zabahow	47484	3624	1¼ inch	100	18.00
Zabahox	47485	3625	1½ inch	50	20.00
Zabahoy	47486	3626	2 inches	50	30.00
Zabahoz	47487	3627	2½ inches	25	50.00
Zabahu	47488	3628	3 inches	25	80.00
Zabahub	47489	3629	3½ inches	20	250.00

COUPLINGS.

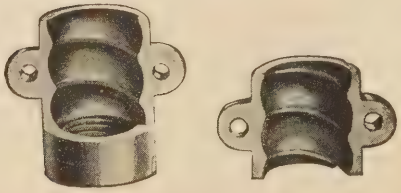


No. 47491.

Zabahuc	47490	3630	⅜ inch	1000	6.00
Zabahud	47491	3631	½ inch	100	6.00
Zabahuf	47492	3632	¾ inch	100	9.00

Prices for Larger Sizes Upon Request.

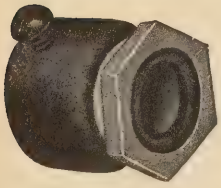
FLEXIBLE COUPLINGS.



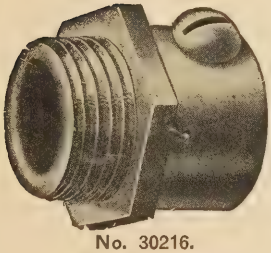
No. 47493.

Zabahug	47493	3640	½ inch	100	12.00
Zabahuh	47494	3641	¾ inch	100	18.00

CONDUIT FITTINGS.

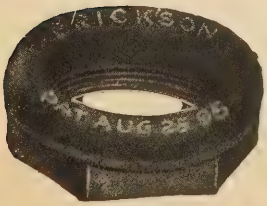


No. 30213.



No. 30216.

No. 30218.



No. 30222.

CONDUIT BUSHINGS.

Code Word.	List No.			Std. Pkg.	List Price Per 100.
Zacezan	9419	⅜	in.	1000	$5.00
Zacezap	9420	½	in.	1000	5.00
Zacezar	9421	¾	in.	100	8.00
Zacezas	9422	1	in.	100	15.00
Zacezat	9423	1¼	in.	100	18.00
Zacezav	9424	1½	in.	50	20.00
Zacezaw	9425	2	in.	50	30.00
Zacezax	9426	2½	in.	25	50.00
Zafasay	15796	3	in.	25	80.00
Zafasaz	15785	3½	in.	20	250.00
Zafase	15786	4	in.	20	400.00
Zafaseb	15787	4½	in.	20	450.00
Zafasec	15788	5	in.	20	500.00
Zafased	15789	6	in.	15	600.00

STEEL LOCKNUTS.

These Locknuts have clean cut machine threads. They hold.

Zacezay	9427	⅜	in.	1000	1.00
Zacezaz	9428	½	in.	1000	1.00
Zaceze	9429	¾	in.	100	1.50
Zacezeb	9430	1	in.	100	4.00
Zacezec	9431	1¼	in.	100	6.50
Zacezed	9432	1½	in.	50	8.00
Zacezef	9433	2	in.	50	10.00
Zacezeg	9440	2½	in.	25	15.00
Zafasef	15795	3	in.	25	30.00
Zafaseg	15790	3½	in.	25	60.00
Zafaseh	15791	4	in.	25	100.00
Zafasek	15792	4½	in.	20	140.00
Zafasel	15793	5	in.	20	160.00
Zafasem	15794	6	in.	15	200.00

FLEXIBLE CONDUIT BUSHINGS.

For use with Bossert Boxes in connection with Greenfield Flexible Conduit.

Zadizag	30213	½	in.	100	7.50
Zadizah	30214	¾	in.	100	11.00
Zadizak	30215	1	in.	50	14.00

List prices do not include check nuts.

ARMORED CONDUCTOR BUSHINGS.

Designed for use with Armored Conductors in the different sizes as made by the Sprague Electric Company.

Bushings especially adapted for use with Bossert Boxes.

Zadizal	30216	98	For No. 14 B. X. Armored Conductor	100	7.50
Zadizam	30217	99	For No. 12 B. X.—No. 14 B. X. L. or No. 14, 3 Wire Conductor	100	7.50

Bushings will not be furnished without check nuts.

This type of Bushings cannot be used with Greenfield conduit.

ERICKSON BOX INSULATOR.

All Erickson insulators are made of two essential parts, viz.: a metal member threaded to receive the end of conduit and an insulation moulded to the metal member, making a substantial combination which is equally as strong as the conduit itself.

Zadizan	30218	A32	For ½ in. conduit	7.00
Zadizap	30219	A33	For ¾ in. conduit	8.75

ERICKSON OUTLET INSULATOR.

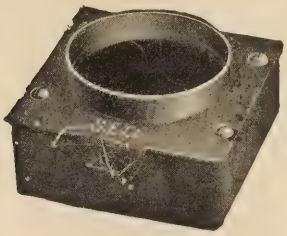
Especially adapted for conduit ends where boxes are not used.

Zadizar	30220	A2	For ½ in. conduit	10.00
Zadizas	30221	A3	For ¾ in. conduit	15.00
Zadizat	30222	A4	For 1 in. conduit	18.50
Zadizav	30223	A5	For 1¼ in. conduit	23.00
Zadizaw	30224	A6	For 1½ in. conduit	28.00
Zadizax	30225	A7	For 2 in. conduit	37.00
Zadizay	30226	A8	For 2½ in. conduit	55.00
Zadizaz	30227	A9	For 3 in. conduit	85.00

SPRAGUE STAMPED STEEL SQUARE BOXES.

INTERCHANGEABLE WITH OTHER STANDARD STAMPED STEEL BOXES AND COVERS.

Galvanized or Enameled Finish.



No. 40595.

No. 6200 and No. 6200 Straight Electric Boxes, 4 in. square; 1⅝ in. deep.

Eight conduit outlets in sides and five in bottom for ½ in. or ¾ in. conduit only.

Boxes are drilled and tapped for No. 2067 Fixture Stud and Nos. 6100 and 6101 Gas Pipe Ground Clamps.

No. 6200 Box for Combination Gas and Electric Fixtures is drilled and tapped for Gas Elbows and has one gas outlet in two opposite sides for ⅜ in. or ½ in. gas pipe only.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zafuvox	40595	6200	Box	100	$20.00
Zafuvoy	40596	6201	Open or canopy cover	100	8.00
Zafuvoz	40597	6206	Open or canopy cover, with ears	100	8.00
Zafuvu	40598	6209	Closed raised cover	100	8.00
Zafuvub	40599	6200	Straight Electric Box	100	20.00
Zafuvuc	40600	6202	Cover for one push button switch	100	8.00
Zafuvud	40601	6203	Closed raised cover	100	8.00
Zafuvuf	40602	6204	Pendant cover, with ⅜ in. Insulating Bushing	100	12.00
Zafuvug	40603	6205	Cover for two push button switches	100	16.00
Zafuvuh	40604	6207	Open or canopy cover	100	8.00
Zafuvuk	40605	6208	Open or canopy cover, with ears	100	8.00
Zafuvul	40606	6210	Shallow cover for one push button switch	100	8.00
Zafuvum	40607	6211	Closed flat cover	100	6.00
Zafuvun	40608	6212	Cover for Hart Round Base Rotary Switch	100	8.00
Zafuvup	40609	6213	Cover for Perkins Round Base Rotary Switch	100	8.00

The covers for the No. 6200 Combination Gas and Electric Box have gas pipe flanges arranged to close the opening around ⅜ in. gas pipe.

When ½ in. gas pipe is used, the weakened wall extension may be broken off with a pair of pliers.

SPRAGUE CONDUIT BOXES.

NOS. 6225 AND 6225 DEEP BOXES.

No. 6225 Box, 4 11/16 in. square; 1⅝ in. deep.

Eight conduit outlets in sides and five in bottom for ½ in. or ¾ in. conduit only.

No. 6225 Deep Box, 4 11/16 in. square; 2 1/4 in. deep.

Eight conduit outlets in sides for ½ in., ¾ in. or 1 in. conduit only; five outlets in bottom for ½ in. or ¾ in. conduit only.

Above boxes are drilled and tapped for No. 2076 Fixture Stud and for Nos. 6100 and 6101 Gas Pipe Ground Clamps.

No. 40589. Stamped Steel Square Box, with Gas Pipe Nipple.

NOS. 6231 AND 6231 DEEP BOXES.

With Gas Pipe Nipple to Accommodate ⅞-Inch Gas Pipe.

No. 6231 Box, 4 11/16 in. square; 1⅝ in. deep.

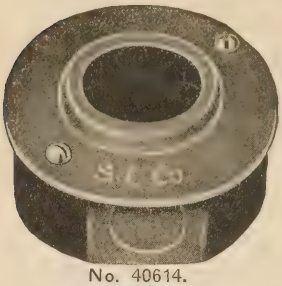
Eight conduit outlets in sides for ½ in. or ¾ in. conduit only; four in bottom for ½ in. conduit only.

No. 6231 Deep, 4 11/16 in. square; 2 1/4 in. deep.

Eight conduit outlets in sides for ½ in., ¾ in. or 1 in. conduit only; four outlets in bottom for ½ in. conduit only.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Per 100.
Zafuvom	**40587**	6225	Box	100	**$28.00**
Zafuvon	**40588**	6225	Deep Box	100	**32.00**
Zafuvop	**40589**	6231	Box, with gas pipe nipple	100	**46.00**
Zafuvor	**40590**	6231	Deep Box, with gas pipe nipple	100	**58.00**
Zafuvos	**40591**	6226	Open or canopy cover	100	**10.00**
Zafuvot	**40592**	6227	Closed raised cover	100	**10.00**
Zafuvov	**40593**	6228	Open or canopy cover, with ears	100	**10.00**
Zafuvow	**40594**	6229	Pendant cover, with ⅜ in. Insulating Bushing	100	**14.00**

SPRAGUE STAMPED STEEL OCTAGON BOXES.



No. 40614.

NO. 6250 SMALL OCTAGON BOX.

Diameter of round corners, 3 3/16 in.; width of square sides, 2 15/16 in.; depth, 1 1/2 in.

One outlet in each of the flat sides and one in bottom for ½ in. or ¾ in. conduit only.

Nos. 40544 and 40559.
Snap Switch Covers.

NOS. 6350 AND 6350 DEEP, LARGE OCTAGON BOXES.

No. 6350 Box.—Diameter of round corners, 4 in.; width of square sides, 3 5/8 in.; depth, 1 11/16 in.

One outlet in each of the flat sides and five in bottom for ½ in. or ¾ in. conduit only.

No. 6350 Deep Box.—Diameter of round corners, 4 in.; width of square sides, 3 5/8 in.; depth, 2 5/16 in.

One outlet in each of the flat sides for ½ in., ¾ in. or 1 in. conduit only and five outlets in bottom for ½ in. or ¾ in. conduit only.

Nos. 40552 and 40567.
Closed Cover, with ½-inch Conduit Knockout.

No. 40571.
Open or Canopy Cover.

NO. 6350N OCTAGON RECEPTACLE BOX.

Diameter of round corners, 4 in.; width of square sides, 3 5/8 in.; depth, 2 5/16 in.

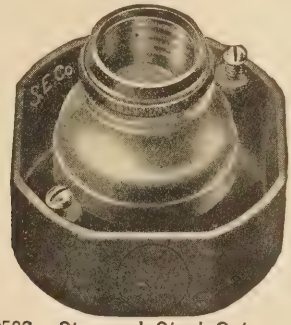
One outlet in each of the flat sides for ½ in. or ¾ in. conduit only. No bottom outlets.

Nos. 40577, 40578 and 40579.
Concealed Snap Switch Covers.

Code Word.	List No.	Mfr. No.		Std. Pkg.	L. Price Per 100
Zafuvuw	40614	6250	3¼ in. Box..	100	$20.00
Zafuvux	40615	6350	4 in. Box..	100	20.00
Zafuvuy	40616	6350 Deep	4 in. Box..	100	32.00
Zafuvuz	40617	6350 N	4 in. Receptacle Box....	100	20.00

SPRAGUE CONDUIT BOXES.

NO. 6249. OCTAGON BOX, WITH YOKE FOR RECEPTACLES.



No. 40582. Stamped Steel Octagon Box.

Diameter of round corners, 3 3/16 in.; width of square sides, 2 15/16 in.; depth, 1 1/2 in.

One outlet in each of the flat sides for ½ in. conduit only. No bottom outlets.

This box is fitted with a yoke for supporting No. 50746 G. E. Receptacle or No. 5050 Bryant Receptacle.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Per 100.
Zafuvof	40582	6249	Box, with yoke.....	100	$22.50
Zafuvog	40583	6292	Flush Cover for G. E. No. 50746 and Bryant No. 5050 Receptacle.....	100	6.00
Zafuvoh	40584	6293	Cover for Bryant No. 1508 Plug Receptacle	100	8.00

NOS. 6399 AND 6399 DEEP BOXES.

With Gas Pipe Nipple Accommodating ¾-Inch Gas Pipe.

No. 40585. Stamped Steel Octagon Box, with Gas Pipe Nipple.

No. 6399 Box.—Diameter of round corners, 4 in.; width of square sides, 3⅝ in.; depth, 1 11/16 in.

One outlet in each of the flat sides for ½ in. or ¾ in. conduit only; four in bottom for ½ in. conduit only.

No. 6399 Deep Box.—Diameter of round corners, 4 in.; width of square sides, 3⅝ in. depth, 2 5/16 in.

One outlet in each of the flat sides for ½ in., ¾ in. or 1 in. conduit only; four outlets in bottom for ½ in. conduit only.

Zafuvok	40585	6399	Box	100	$40.00
Zafuvol	40586	6399	Deep Box	100	52.00

SPRAGUE CEILING OUTLET BOXES.

FOR TERRA COTTA.

NOS. 6219, 6220, 6221 AND 6222.

Nos. 40610 and 40613.

Nos. 40611 and 40612.

Four in. diameter; ⅝ in. or ⅞ in. deep.

Five outlets in bottom for ½ in. or ¾ in. conduit only. No side outlets.

Boxes are drilled for No. 2076 Fixture Stud and Nos. 6100 and 6101 Gas Pipe Ground Clamps.

These boxes can be used with a 4¼ in. or larger canopy.

Code Word.	List No.	Mfr. No.	Description.	Std. Pkg.	List Price Per 100.
Zafuvur	40610	*6219	⅝ in. deep box, with ears	100	$14.00
Zafuvus	40611	6220	⅝ in. deep box	100	9.00
Zafuvut	40612	6221	⅞ in. deep box	100	9.00
Zafuvuv	40613	*6222	⅞ in. deep box, with ears	100	14.00

*Boxes Nos. 6219 and 6222 are provided with two drilled and tapped ears having screw centers 3 17/32 inches apart, and accommodating the covers for the No. 6350 Box.

SPRAGUE CONDUIT BOXES.

No. 6250 Box is drilled and tapped to accommodate the following: G. E. Receptacles Nos. 9397 and 49354, No. 2076 Fixture Stud, Nos. 6100 and 6101 Gas Pipe Ground Clamps, Bryant Receptacle No. 62357 (without the use of a cover), and Gas Elbows.

No. 6350 Box is drilled to accommodate the following: G. E. Receptacles Nos. 9397 and 49354, No. 2076 Fixture Stud, and Nos. 6100 and 6101 Gas Pipe Ground Clamps.

No. 6350 Deep Box is drilled for No. 2076 Fixture Stud and Nos. 6100 and 6101 Gas Pipe Ground Clamps.

No. 6350N Box is drilled and tapped to accommodate the following: Norbitt Receptacle C 227, Norbitt Rosette C 33⅓, Hubbell Plug Receptacle No. 5426, P. and S. Rosettes Nos. 400 and 810, Nos. 49354 and 9397 G. E. Receptacles, Trumbull Receptacle No. 976.

COVERS FOR NO. 6250 BOX.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Per 100.
Zafuve	40538	*6251	Cover for No. 9397 G. E. Rec.	100	$6.00
Zafuveb	40539	*6253	Cover for No. 49354 G. E. Rec.	100	6.00
Zafuvec	40540	6255	Cover for Nos. 303 and 304 Federal Rec.	100	6.00
Zafuved	40541	6257	Cover for Nos. 577 and 877 P. and S. Rec.	100	6.00
Zafuvef	40542	*6259	Cover for Nos. 6, 6A and 6B Benjamin Rec.	100	6.00
Zafuveg	40543	*6261	Cover for No. 60931 G. E. and Nos. 777 and 977 P. and S. Rec.	100	6.00
Zafuveh	40544	6263	Cover for 5-amp. Snap Switches.	100	6.00
Zafuvek	40545	6264	Cover with ⅛-in. male nipple	100	12.00
Zafuvel	40546	6266	Cover with ⅛-in. female nipple	100	12.00
Zafuvem	40547	6268	Cover with ⅜-in. male nipple	100	14.00
Zafuven	40548	6270	Cover with ⅜-in. female nipple	100	14.00
Zafuvep	40549	6272	Pendant Cover with ⅛-in. Ins. Bushing	100	10.00
Zafuver	40550	6274	Pendant Cover with ⅜-in. Ins. Bushing	100	12.00
Zafuves	40551	6276	Closed Cover	100	6.00
Zafuvet	40552	6278	Closed Cover with ½-in. Conduit Knockout	100	6.00

COVERS FOR NOS. 6350, 6350 DEEP AND 6350N BOXES.

Zafuvev	40553	*6351	Cover for No. 9397 G. E. Rec.	100	6.00
Zafuvew	40554	*6353	Cover for No. 49354 G. E. Rec.	100	6.00
Zafuvex	40555	6355	Cover for Nos. 303 and 304 Federal Rec.	100	6.00
Zafuney	40556	6357	Cover for Nos. 577 and 877 P. and S. Rec.	100	6.00
Zafuvez	40557	*6359	Cover for Nos. 6, 6A and 6B Benjamin Rec.	100	6.00
Zafuvi	40558	*6361	Cover for No. 60931 G. E. and Nos. 777 and 977 P. and S. Rec.	100	6.00
Zafuvib	40559	6363	Cover for 5-amp. Snap Switches	100	6.00
Zafuvic	40560	6364	Cover with ⅛-in. male nipple	100	12.00
Zafuvid	40561	6366	Cover with ⅛-in. female nipple	100	12.00
Zafuvif	40562	6368	Cover with ⅜-in. male nipple	100	14.00
Zafuvig	40563	6370	Cover with ⅜-in. female nipple	100	14.00
Zafuvih	40564	6372	Pendant Cover with ⅛-in. Ins. Bushing	100	10.00
Zafuvik	40565	6374	Pendant Cover with ⅜-in. Ins. Bushing	100	12.00
Zafuvil	40566	6376	Closed Cover (flat)	100	6.00
Zafuvim	40567	6378	Closed Cover (flat) with ½-in. Conduit Knockout	100	6.00
Zafuvin	40568	6380	Cover for 10-amp. Snap Switches	100	10.00
Zafuvip	40569	6381	Cover for 20-amp. Snap Switches	100	10.00
Zafuvir	40570	6382	Cover for Hubbell Floor Receptacle	100	6.00
Zafuvis	40571	6383	Open or Canopy Cover	100	6.00
Zafuvit	40572	6384	Closed Cover (raised center) with Knock-out for C 227 Norbitt Receptacle	100	6.00
Zafuviv	40573	6385	Open or Canopy Cover with Ears	100	6.00
Zafuviw	40574	6386	Closed Cover (raised center)	100	6.00
Zafuvix	40575	6387	Pendant Cover (raised center) with ⅜-in. Ins. Bushing	100	12.00
Zafuviy	40576	6388	Closed Cover (flat) with two ⅜-in. Ins. Bushing having code distance 2½ in. between centers	100	16.00
Zafuviz	40577	6389	Concealed Snap Switch Covers, 1 9/16 in. opening for G. E., Perkins, Arrow E and Diamond H 3-amp. Switches	100	18.00
Zafuvo	40578	6390	Concealed Snap Switch Cover with 1⅞ in. opening for G. E., Perkins, Arrow E, Diamond H, and H and H Switches	100	18.00
Zafuvob	40579	6391	Concealed Snap Switch Cover with 2⅛ in. opening for Perkins and H and H Switch	100	18.00
Zafuvoc	40580	6394	Cover for Trumbull Receptacle, No. 976.	100	6.00
Zafuvod	40581	6395	Cover for Norbitt Rosette, No. 33⅓	100	6.00

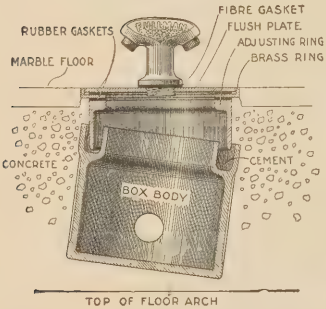
All covers listed above can be furnished in the following finishes: Polished brass, old brass, oxidized copper, polished copper and nickel—at an additional list price of $10.00 per 100.

*These covers can be furnished with a 2¼ in. shade holder at an additional list price of $6.00 per 100.

FULLMAN ADJUSTABLE WATERTIGHT FLOOR OUTLETS.

4¾-Inch Box, Complete With "Bell" Nozzle.

4¾-Inch Box, Complete With "Drip" Nozzle.



Sectional View Showing Application of Brass Flange Ring in Marble or Tile Floors.

Brass Flange Ring.

These outlets have rapidly increased in adaptability and scope. The universal tilting adjustment watertight feature is peculiar to the Fullman designs.

Vertical.—For variations in floor line. About 2½ inches adjustment with stock rings. Any amount by using longer rings.

Leveling.—For variations in level setting of box body.

These Outlets meet all conditions as no other form can.

Box bodies, being set with "roughing in" work, are subject to much interference by various workmen in a building. This causes them to be more or less out of exact level when the finished floor is laid. Reference to illustrations will show how this is taken care of, the adjusting ring simply "dipping" into the groove more on one side than on the other; adjustment for elevation is made by raising or lowering the ring in the groove, the ring being instantly set with a template. The groove is filled with cement, sent with each box, sealing the box and securing the parts in place.

This assures even distribution of strains imposed on floor plate, and avoids adjusting screw troubles, such as stripped threads and collars, or buckling of screws, as is liable to occur when a heavy desk is allowed to rest on the box cover.

Template for setting rings furnished without charge. These templates fasten to the ring and rest on the floor, thus making the adjustment instantly without any trial.

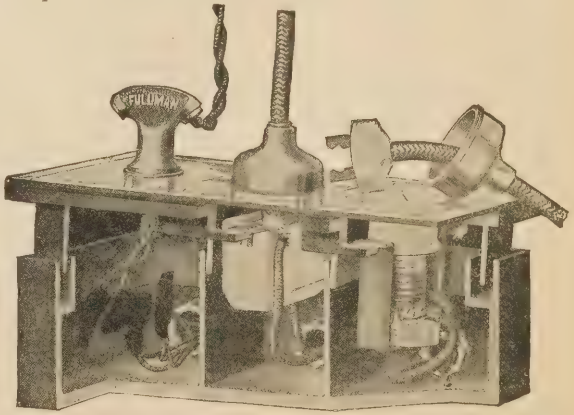
Brass Flange Rings.—These are furnished when ordered, and are recommended for use in marble, mosaic, cement, granolithic and rubber tile floors. (Also used in fine wood floors.) Their object is to prevent edge of plate from adhering to flooring and causing chipping and disfigurement of same upon repeated removals of the plate.

Stock adjusting ring lengths are as follows:

For boxes with 4¾" covers 1¼" (special no receptacle lugs), 1½" (sent unless otherwise ordered) 2⅛", 2¾", 3⅜".

For boxes with 4¼" covers, 1¼" (sent unless otherwise ordered), 1⅞", 2½", 3⅛". (Receptacles can be used in 4¼" boxes only by using Strap No. 475.)

Rectangular Gang Boxes are furnished for supplying a variety of service at one point. Each section is separated by iron partitions from adjoining sections. Brass cover for each section is 3x4½ inches, with brass frame ½ inch wide all around edge of box. Net opening in top of each section, 2¼x3¾ inches. Minimum height, 4¼ inches. Dimensions over all as follows: In all cases 5½ inches wide; length, 2 sec. 7 inches, 3 sec. 10 inches, 4 sec. 13 inches, 5 sec. 16 inches, 6 sec. 19 inches. Special conditions not met by stock boxes will be taken care of upon receipt of information and details.



Sectional View of Rectangular Gang Box (3 Sections) Showing "Drip" Nozzle in Use, "Bell" Nozzle in Use and 2-Inch Flush Brass Plug Closing One Opening.

(For Prices See Following Page.)

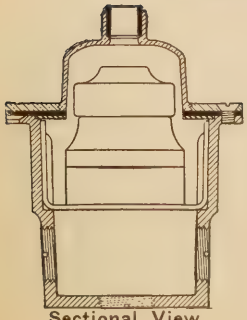
FULLMAN ADJUSTABLE WATERTIGHT FLOOR OUTLETS.

Code Word.	List No.	Mfr. No.	(For Description See Preceding Page.)	List Price Each.
Zabumor	12410	400	4¼-inch box complete with ½-inch plug in 4¼-inch brass cover for "Drip" nozzle	$4.00
Zabumos	12411	401	4¼-inch box complete with 2-inch plug in 4¼-inch brass cover for "Bell" nozzle	4.50
Zabumot	12412	420	4¾-inch box complete with ½-inch plug in 4¾-inch brass cover for "Drip" nozzle	4.50
Zabumov	12413	421	4¾-inch box complete with 2-inch plug in 4¾-inch brass cover for "Bell" nozzle	5.00
Zabumow	12414	423	7½-inch round box complete (no partitions), with ½-inch plug in 4¾-inch brass cover for "Drip" nozzle	5.55
Zacepip	18480	424	7½-inch round box complete (no partitions), with 2-inch plug for 4¾-inch brass cover for "Bell" nozzle	6.05
Zacepir	18481	425	7½-inch round box complete (4 partitions), with plug in 4¾-inch brass cover for 4-way nozzle	8.05
Zacepis	18482	446	Rectangular gang box section complete with ½-inch plug in 3x4½-inch brass cover for "Drip" nozzle, and brass edge frame (per section)	5.00
Zacepit	18483	447	Rectangular gang box section complete with 2-inch plug in 3x4½-inch brass cover for "Bell" nozzle, and brass edge frame (per section)	5.50
			Nozzles Are Not Included in Above List Prices.	
Zacepiv	18484	413	4¼-inch round brass flange ring	.75
Zacepiw	18485	440	4¾-inch round brass flange ring	1.00
Zacepix	18486	465	"Drip" nozzle and gasket	1.00
Zacepiy	18487	466	"Bell" nozzle	1.00
Zacepiz	18488	467	4-way nozzle and gasket	2.14
Zacepo	18489	471	½-inch plug and gasket (included with complete box)	.16
Zacepob	18490	472	2-inch plug (included with complete box)	.35
Zacepoc	18491	473	Plug for 4-way nozzle (included with complete box)	.54
Zacepod	18492	474	Add for exchange of any size brass cover for the same size fitted for "Bell" or 4-way nozzle, instead of for "Drip"	.31
Zacepof	18493	475	Straps for holding receptacle	.40

Unless otherwise ordered, all receptacle boxes are drilled and tapped with 4, ½-inch conduit holes, three of which are closed with screw plugs.

FULLMAN NON-ADJUSTABLE WATERTIGHT FLOOR OUTLETS.

No. 4928.



Sectional View.

3½ INCH ROUND OUTLET.

NEW EXCLUSIVE FEATURES.

Receptacle Loosely Mounted.

Not fastened to box with screws. It is attached to a U shaped bridge which slides easily into a groove in box body —thus permitting instant removal for wiring.

Interior Space.

For wiring, etc., is the largest and roomiest of any made and this box has smaller size of cover plate.

Outside Dimensions

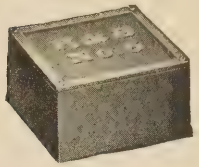
Are smallest of any on the market. Neat in appearance. Cover plate 3½" diameter. Net height 3 1/16" to surface of cover. Diameter of box body under flange 2 13/16". Box body is drilled and tapped for four ½" conduits, three of which are closed with screw plugs. (Two holes in sides and two in bottom.)

		Mfr. No.		
Zabibad	4928	477	Outlet complete with receptacle, plug, nozzle and 2" flush brass plug, each	4.00
Zabibaf	4929	478	Porcelain plug and receptacle only, each	.60
Zabibag	4930	479	Brass "Bell" nozzle only, each	.80
Zabibah	4931	480	2" flush brass plug only, each	.28

This outlet can also be furnished at special low price, consisting of iron body, gasket, brass cover with ½" conduit hole in centre and ½" brass plug in same.

We also make a number of **Square Non-Adjustable Outlets.** Prices on application.

R. & B. CAST IRON JUNCTION AND PULL BOXES.



No. 5.

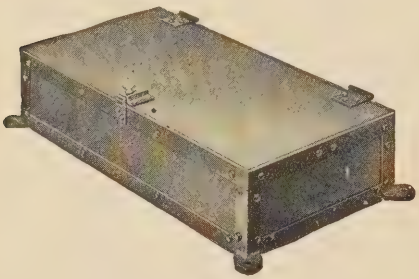
No. 20.

Code Word.	List No.	Inside Dimensions.	List Price Each — Complete Box and Cov.	Box.	Cover
Zafuxoc	5	4½ x 4½ x 2½	$1.00	$0.80	$0.30
Zafuxod	7	5⅝ x 4⅜ x 2½	1.40	1.20	.35
Zafuxof	8	5½ x 5½ x 1½	1.35	1.10	.40
Zafuxog	10	5½ x 5½ x 2⅞	1.50	1.25	.40
Zafuxoh	12	6½ x 4⅞ x 3	1.90	1.65	.45
Zafuxok	15	7½ x 4½ x 3½	2.00	1.70	.50
Zafuxol	18	9½ x 5½ x 1½	2.25	1.75	.75
Zafuxom	20	9½ x 5½ x 3¾	2.75	2.25	.75
Zafuxon	22	10 x 6 x 6	4.25	3.50	1.00
Zafuxop	25	7 x 6⅞ x 3½	2.75	2.25	.75
Zafuxor	28	8 x 5⅞ x 3	2.40	1.95	.70
Zafuxos	30	7⅞ x 5¾ x 4	2.80	2.35	.70
Zafuxot	35	11½ x 11½ x 4	5.00	3.60	1.80
Zafuxov	40	14 x 9 x 4	5.00	3.60	1.80
Zafuxow	45	18 x 10 x 4½	7.00	5.25	2.25
Zafuxox	47	12 x 12 x 6	7.50	6.00	1.90
Zafuxoy	50	24 x 12 x 6	12.50	9.50	3.75

STEEL CABINETS.

Made in any shape and size to specifications, to suit all conditions of inside or outside service.

These cabinets are built of ⅛-inch steel, strongly riveted to suitable angle, and present a very attractive, substantial appearance.



Inches.	8	10	12	14	16	18
13....	$12.00	$12.70	$13.35	$14.00	$14.60	$15.20
15....	12.50	13.30	13.95	14.50	15.10	15.70
17....	13.00	13.75	14.40	15.05	15.65	16.30
19....	13.45	14.20	14.85	15.45	16.15	16.90
21....	13.90	14.65	15.30	16.00	16.75	17.55
23....	14.30	15.05	15.70	16.60	17.35	18.15
25....	14.70	15.45	16.25	17.10	17.95	18.75
27....	15.00	15.80	16.50	17.60	18.50	19.35
29....	15.50	16.50	17.25	18.25	19.25	20.25

WATERPROOF FIXTURES.

A cast iron box with four heavy bosses for tapping, and brass fixture which may be screwed into box cover or used with a stem of desired length.

Box and globe are gasketed and are gas tight.

Zafuxoz	40638	Box and Fixture, complete	$5.00
Zafuxu	40639	Box only	1.00
Zafuxub	40640	Fixture only	4.00

UNIVERSAL RENIM SWITCH-BOX.

POINTS OF SUPERIORITY.

All leading makes of switches of the same type will fit the same box equally well.

Switches are readily adjustable for levelling face plate in case box was not set exactly plumb.

Choice of make of switch is not necessary at time of wiring, thereby saving much delay.

No "Cutting-in" of attaching ears, as they are placed the right distance back to allow for the lath and plastering.

They are provided with long switch attaching screws to allow for variable thickness of plastering.

The flexible conduit is securely held in place, at the same time effecting an average saving of 1 foot of conduit on each box.

The only box which will pass all the insurance requirements and is the cheapest and easiest to install.

A saving of fully 50 per cent. of labor installing box and switch, and this is no exaggeration.

Entrance holes accurately drilled, not cast, and unused holes may be easily sealed if desired.

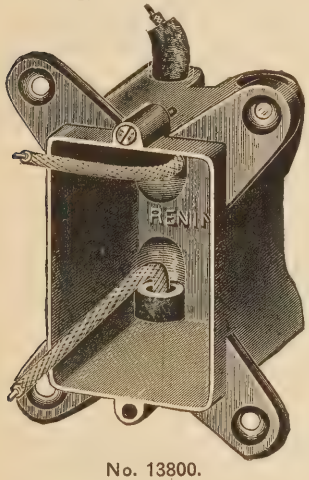
Wires may be left coiled within the box, thereby insuring a smooth plaster surface for the face plate.

No "testing out" of 3 and 4 way switches, as it is impossible for the wires to become deranged or pushed out of place.

The face plate may be moved slightly, either vertically or laterally, to cover break in plastering.

Endorsed, without exception, as the best, both by electrical inspectors, supply dealers, contractors and leading switch manufacturers.

Strong, simple, uniform, cheap and neatly packed in paper boxes.



No. 13800.

STYLE "B."

For Rotary and Push Switches and Receptacles (Rectangular Base).

Code Word.	List No.	Mfr. No.		List Price Each.
Zabuwu	13800	21	B single, 3⅝ x 2....	$0.40
Zabuwub	13801	22	B 2-gang, 3⅝ x 3¾	.80
Zabuwuc	13802	23	B 3-gang, 3⅝ x 5⅝	1.20
Zabuwud	13803	24	B 4-gang, 3⅝ x 7½	1.60
Zabuwuf	13804	25	B 5-gang, 3⅝ x 9⅛	2.00
Zabuwug	13805	26	B 6-gang, 3⅝ x11..	2.40

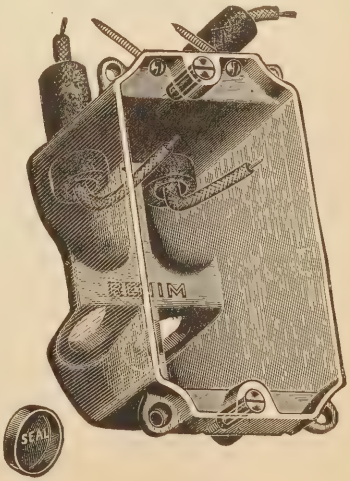
Minimum depth of partition studs required, 2⅜ inches.

For "Old" Work, With ¼-inch Circular Loom, Flexduct, Alphaduct, Etc.

STYLES "C" AND "D."

For Rotary and Push Switches and Receptacles (Rectangular Base).

Code Word.	List No.	Mfr. No.		List Price Each.
Zabuwof	13806	31	Single ....3¾ x 2	.40
Zabuwog	13807	41	Single ....3¾ x 2	.40
Zabuwoh	13808	42	2-gang ....3⅝ x 3¾	.80
Zabuwok	13809	43	3-gang ....3⅝ x 5⅝	1.20
Zabuwol	13810	44	4-gang ....3⅝ x 7½	1.60
Zabuwom	13811	45	5-gang ....3⅝ x 9⅛	2.00
Zabuwon	13812	46	6-gang 3⅝ x11	2.40



No. 13807.

"REX" SWITCH BOXES

Patented.

For use with ¼-inch Circular Loom, Flexduct or Alphaduct. Will take the following rotary and push-button switches and receptacles:

Diamond H, Hart & Hegeman, Arrow E, Perkins and M. & M. Switches.

Diamond H, Hart & Hegeman, Hubbell, Bryant and G. I. Flush Receptacles.

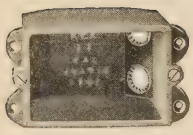
Standard boxes have Rex seals in end holes of box, which are removed by screwdriver when extra holes are needed.

Switch boxes will be drilled for BX conduit at same list price when ordered.

No. 19978

NEW WORK.

Code Word	List No.	Mfr. No.		Depth	Std. Pkg.	List Price Each
Zacilil	19978	21	Single	3 in.	24	$ .40
Zacilim	19979	22	2 Gang	3 in.	12	.80
Zacilin	19980	23	3 Gang	3 in.	12	1.20
Zacilip	19981	24	4 Gang	3 in.	8	1.60



No. 19982

OLD WORK.

Zacilir	19982	11	Single	3 in.	24	.40
Zacilis	19983	12	2 Gang	3 in.	12	.80
Zacilit	19984	13	3 Gang	3 in.	12	1.20
Zaciliv	19985	14	4 Gang	3 in.	8	1.60

SHALLOW BOXES FOR ROTARY SWITCHES.

Will take all Rotary Flush Switches, Arrow E, and M. & M. Push Button Switches; also Hubbell, Bryant and G. E. Flush Receptacles.

Zaciliw	19986	211	Single, New Work	2¼ in.	24	.40
Zacilix	19987	111	Single, Old Work	2¼ in.	24	.40

"REX" OUTLET BOXES

Patented.

For use with ¼-inch Flexible Conduit, such as Circular Loom, Alphaduct or Flexduct.

Standard Straight Electric Boxes are tapped for ⅜-inch hickey or nipple.

No. 22562

No. 22559

Code Word	List No.	Mfr. No.		Std. Pkg.	List Price Each
Zacilel	22559	30	2 Wire Old Work Comb.....	144	$ .15
Zacilem	22560	31	2 Wire Old Work Electric.....	144	.15
Zacilen	22561	40	2 Wire New Work Comb.....	144	.15
Zaciled	22562	41	2 Wire New Work Electric....	144	.15
Zaciler	22563	304	4 Wire Old Work Comb.....	72	.20
Zaciles	22564	314	4 Wire Old Work Electric.....	72	.20
Zacilet	22565	404	4 Wire New Work Comb.....	72	.20
Zacileu	22566	414	4 Wire New Work Electric....	72	.20

No. 22570

No. 22569

"REX" BX OUTLET PLATES.

For use with BX Flexible Conduit, holes being tapped for ½-inch BX Conduit Bushings.

Standard Outlet Plates have two holes with a screw seal in one hole.

Zacilew	22567	60	Old Work Comb.....	72	.24
Zacilex	22568	61	Old Work Electric.....	72	.24
Zaciley	22569	80	New Work Comb.....	72	.24
Zacilez	22570	81	New Work Electric.....	72	.24

"REX" HICKEYS.

No. 22571

These are recommended for use with "Rex" Outlet Boxes. Malleable iron.

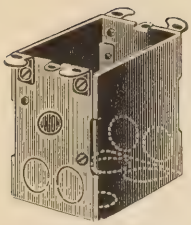
Zacili	22571	621	⅜ mal . ⅛ female.....	100	.10
Zacilib	22572	622	⅜ male, 7/16 female.....	100	.10
Zacilic	22573	623	⅜ male, ¼ female.....	100	.10
Zacilid	22574	624	⅜ male, ⅜ female.....	100	.10

"UNION" SECTIONAL SWITCH BOXES.

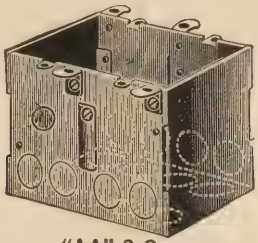
FOR OLD AND NEW WORK.

Patented April 2, 1907.

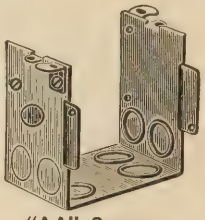
TAKES ALL MAKES OF SWITCHES AND RECEPTACLES.



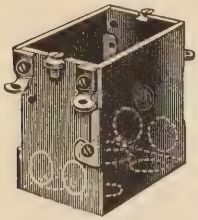
"AA" Single.

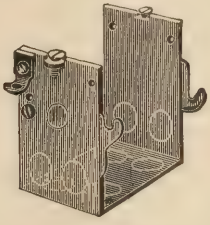


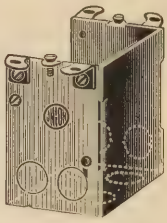
"AA" 2 Gang.



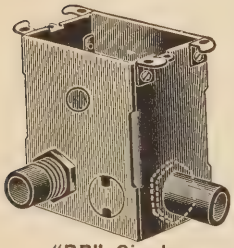
"AA" Spacer.







Showing How Single Box Can Be Built Up Into Any Number of Gangs by Removing Side and Inserting Spacers.

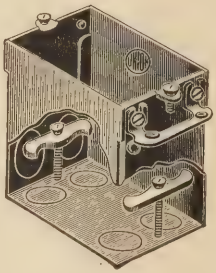


"BB" Single.

MADE IN THE FOLLOWING DEPTHS:

Type "AA" 3 " deep for Flexible Conduit.
Type "AB" 2¾" deep for Flexible Conduit.
Type "CC" 2½" deep for Flexible Conduit.
Type "CCS" 2 " deep for Flexible Conduit.
Type "RC" 2½" deep for Flexible Conduit.
(For Round Cup Switch).

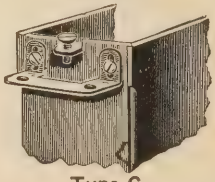
Type "BB" 3½" deep for Iron Conduit.
Type "AC" 3¼" deep for Flexible Conduit with clamps.



"AC" Box Showing Clamp Inserted.

EQUIPPED WITH REVERSIBLE AND SLIDING EARS.

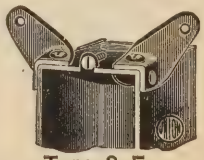
Most contractors prefer to buy the 2 Gang Box already assembled and to build up into higher Gangs by inserting Spacers, thus avoiding expense of making up a 2 Gang Box from Single and Spacer, the price being the same in both cases but where it is desired to build up from the Single we will furnish when specified the Single box with one side removable.



Type C.
Ear furnished only when specified.

Specify Type of Box or Give Depth When Ordering.

Code Word.	List No		List Price Each.
Zabulug	12286	Single Box.....	$0.50
Zabuluk	12287	2 Gang Box.....	.90
Zabuluy	12288	Spacer	.40



Type S F.
Ear furnished only when specified.

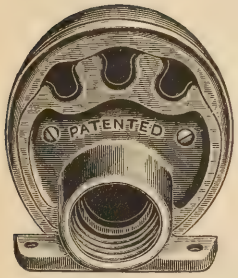
When Boxes are Ordered With Clamps add $0.10 to each Unit List Price.

BOSS WEATHERPROOF ENTRANCE BUSHING.

(Approved by the Underwriters.)

THE NEW WAY TO MAKE AN ENTRANCE PIPE WEATHERPROOF.

A Bushing Cap.
B Bushing Flange.
C1 Circuit Wires.
C2 Circuit Wires.
D Conducting Pipe.
E Screw Securing Cap.



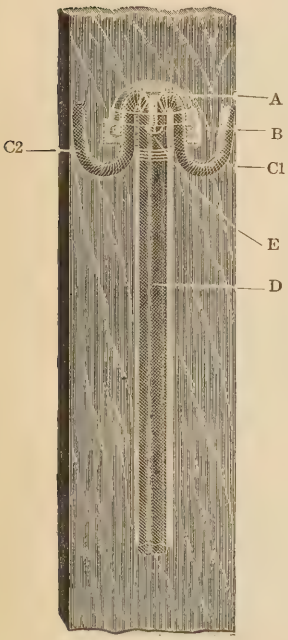
No fishing required where wires enter pipe.

Cap is detached by simply loosening screw E.

This improved Bushing makes waterproof any wires that enter a pipe, and one of the principal uses to which it can be put is in connection with a transformer where the house wires enter the conducting pipe.

The device can be made to meet any special condition that is called for and is very valuable for use in connection with fire-alarm boxes.

Time, labor and worry saved because it makes a permanent, serviceable fitting and costs less to install than any other method.



TWO-WIRE—WITHOUT PORCELAIN BUSHINGS.

Code Word.	List No.	Size, Inches.	Number.	Std. Pkg.	List Price Each.
Zabovus	11110	½	1	50	$0.30
Zabovut	11111	¾	2	50	.40
Zabovuv	11112	1	3	30	.60
Zabovuw	11113	1¼	4	30	.80
Zabovux	11114	1½	5	30	1.10
Zabovuy	11115	2	6	10	1.70
Zabovuz	11116	2½	7	10	2.40
Zabowa	11117	3	8	10	3.60

THREE-WIRE—WITHOUT PORCELAIN BUSHINGS.

Zabowab	11118	¾	A2	50	.40
Zabowac	11119	1	A3	30	.60
Zabowad	11120	1¼	A4	30	.80
Zabowaf	11121	1½	A5	30	1.10
Zabowag	11122	2	A6	10	1.70
Zabowah	11123	2½	A7	10	2.40
Zabowak	11124	3	A8	10	3.60

TWO-WIRE—WITH PORCELAIN BUSHINGS.

Zagafa	41528	½	10	50	.60

THREE-WIRE—WITH PORCELAIN BUSHINGS.

Zagafab	41529	½	A10	50	.60
Zagafac	41530	¾	A20	50	.80
Zagafad	41531	1	A30	30	1.25
Zagafaf	41532	1¼	A40	30	1.50

FOR ARC LAMP.

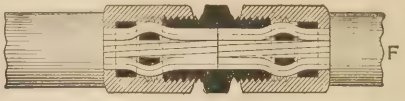
Zagafag	41533	⅜	B0	30	1.00
Zagafah	41534	½	B1	30	1.00

DOSSERT SOLDERLESS CONNECTORS.

(Approved April 27, 1907.)

Dossert Connectors, Terminals and Cable Taps for making electrical connections without the use of solder. Made in Type "A," "B" and "C." Can be applied in a few minutes. Type "A" is for all indoor and underground wiring for both stranded and solid conductors. Type "B" has somewhat greater tensile strength than Type "A" and should be used on overhead construction only. Type "C" for high tension work is made in the two styles above mentioned, and has round nipples and nuts.

2-Way, Type A, Showing Details.

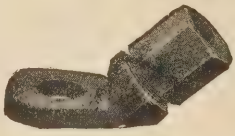


Type B, 2-Way Connector.

With Dossert Joints any combination of different sizes of cables and wires can be connected together. The Cable Tap will tap from any size main to any size branch, lugs of all kinds, front, back, angle and swivel, insulated motor leads, two-ways, four-ways, elbows, reducers equalizers, Y's, service box plugs, caps for grounding secondaries to gas pipe. The application of Dossert Joints to electrical construction are innumerable. Designs made to meet any possible requirements.

Type C, 2-Way Connector.

Swivel Lug.



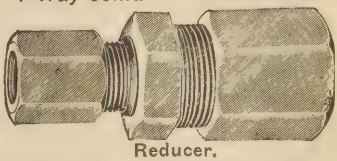
Angle Lug.

4-Way Joint.

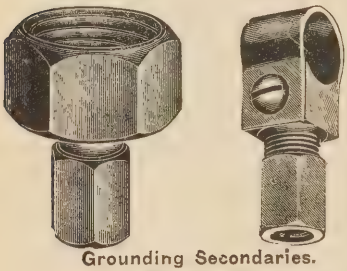
Y-Joint.

3-Way Joint.

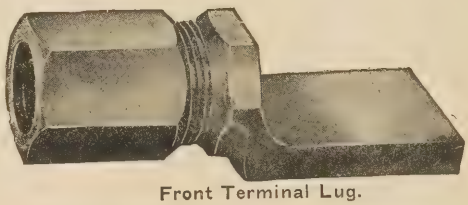
Fuse Box Plug.



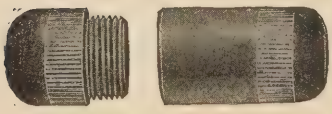
Reducer.



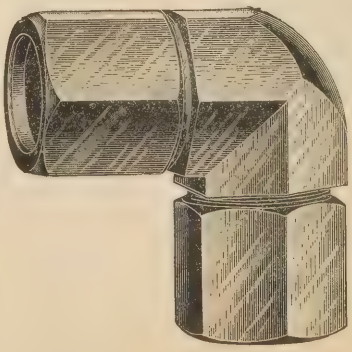
Grounding Secondaries.



Front Terminal Lug.



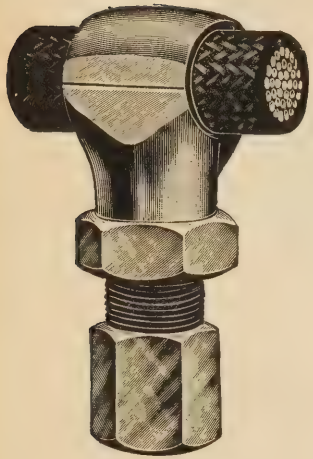
Dossert Insulated Cover.



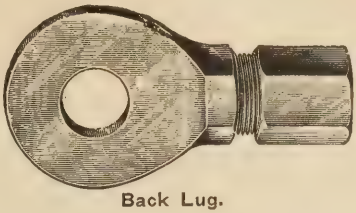
Elbow.

DOSSERT SOLDERLESS CONNECTORS.

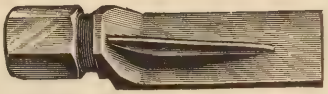
(Approved April 27, 1907.)



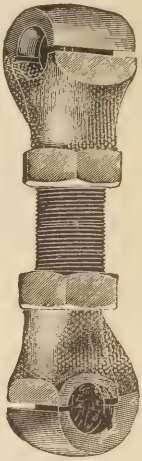
Cable Tap.



Back Lug.



Railway Bond.



Double Tap.

WHEN ORDERING:

State whether for solid or stranded conductor.
Give circular mils of the cable and the number of strands of which it is composed.
Or, the exact outside diameter of the cable and number of strands.
Or, the exact diameter of the strand and number of strands.
Where the cable is of special make, or extra flexible, a small sample should accompany order.

Write for list prices of Reducers, Equalizers, Grounding Caps and Clamps, Elbows, Service Box Plugs, Connectors with Insulating Covers, and all kinds of combinations, special Connectors and Terminals.

HOW TO FIGURE PRICES ON SPECIAL TAPS WHERE MAIN AND BRANCH ARE OF DIFFERENT SIZES:

Add the list price of a two-way connector for the main cable to half the list price of a two-way for the branch.

Example 1.—Cable 500,000. Bleeder No. 0000.

500,000 2-way	$2.60
½ No. 0000 2-way	.55
List price	$3.15

PRICES OF TYPES "A," "B" AND "C" CONNECTORS.

Code Word.	List No.	Size of Cable.	2-Way.	3-Way.	"Y."	Cable Tap.	Standard Lug.
Zacixez	24360	14 to 4	$0.40	$0.60	$0.60	$0.60	$0.30
Zacixi	24361	3 to 1	.50	.75	.75	.75	.38
Zacixib	24362	0	.60	.90	.90	.90	.45
Zacixic	24363	00	.74	1.11	1.11	1.11	.56
Zacixid	24364	000	.90	1.35	1.35	1.35	.68
Zacixif	24365	0000	1.10	1.65	1.65	1.65	.83
Zacixig	24366	250000	1.30	1.95	1.95	1.95	.98
Zacixih	24367	300000	1.52	2.28	2.28	2.28	1.14
Zacixik	24368	350000	1.74	2.61	2.61	2.61	1.31
Zacixil	24369	400000	2.00	3.00	3.00	3.00	1.50
Zacixim	24370	500000	2.60	3.90	3.90	3.90	1.95
Zacixin	24371	600000	3.18	4.77	4.77	4.77	2.39
Zacixip	24372	700000	3.68	5.52	5.52	5.52	2.76
Zacixir	24373	800000	4.16	6.22	6.22	6.22	3.11
Zacixis	24374	900000	4.64	6.96	6.96	6.96	3.48
Zacixit	24375	1000000	5.00	7.50	7.50	7.50	3.75

We can Furnish Connectors in Intermediate Sizes from 400,000 C. M. to 2,000,000 C. M. Prices on Application.

H. C. TUBULAR WIRE CONNECTORS.

Seamless drawn, longitudinally ribbed sleeves, which make perfect, self-welding joints, that are stronger than the wire itself. H.-C. connectors are deservedly popular with construction men. A trial will demonstrate their advantages over all others.

The wires are inserted in a sleeve which is gripped at either end with a pair of ordinary wire splicing clamps. Three and one-half complete turns or twists are given for a full length joint. This act of twisting draws the sleeve into the recesses between the wires, completely filling them, making of wire and sleeve a homogeneous mass and rendering soldering unnecessary. The twisting also hardens the metal in the sleeve, imparting to the joint added strength and preventing the wires slipping out or untwisting under the heaviest strain.

Before Twisting.

Fig. 1.

Shows an H.-C. connector as drawn up, and a cross section of same.

After Twisting.

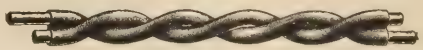


Fig. 2.

Shows a joint made with an H.-C. connector, and a cross section of same.

ADVANTAGES.

No plugged sleeves, as in the brazed type.

Thickness substantially uniform throughout entire length of sleeve.

No chance for moisture to enter and corrode wires, H.-C. joints being proof against atmospheric conditions.

The tensile strength of splices made with H.-C. connectors is greater than that of the wire itself.

FOR IRON WIRE.

Instead of making galvanized-iron connectors for wire, we furnish zinc-coated copper connectors. These conform more perfectly to the stiff, irregular iron wire and consequently produce more perfect joints than do iron connectors.

COMBINATION SLEEVES.

H.-C. Sleeves are used with perfect success in making combination joints when the sizes of the wires are not over two gauges apart.

For Copper Wire.

Code Word.	List No.	Full Length, Inches.	Half Length, Inches.	Size, B. & S. Gauge.	List Price Per 1000.
Zafusow	40455	4	2	14 = .064	$28.00
Zafusox	40456	4½	2¼	12 = .081	30.00
Zafusoy	40457	4¾	2⅜	10 = .102	34.00
Zafusoz	40458	5	2½	9 = .114	40.00
Zafusu	40459	5½	2¾	8 = .128	56.00
Zafusub	40460	6¼	3⅛	6 = .162	84.00

For Iron Wire.—Copper Joints, Zinc-Coated.

				Size, B. W. G. Gauge.	
Zafusuc	40461	4	2	16 = .065 = No. 14 B. & S.	32.00
Zafusud	40462	4½	2¼	14 = .083 = No. 12 "	34.00
Zafusuf	40463	5	2½	12 = .109 = No. 9 "	45.00
Zafusug	40464	5½	2¾	10 = .134 = No. 8 "	64.00
Zafusuh	40465	6¼	3⅛	8 = .165 = No. 6 "	98.00

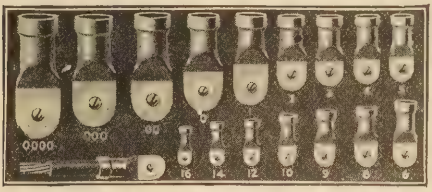
For combination joints, add $4.00 per 1000 to the list price of the larger size of the combination.

For price on half length, deduct 40% from the prices of full length joints.

H.-C. Wire Joints are carefully inspected, properly gauged and put up in strong cartons.

SEAMLESS COPPER CABLE TERMINALS.

FOR SWITCHBOARDS, DYNAMOS, MOTORS, ETC.



These terminals are drawn up seamless from sheet copper.

The diameter is increased near the edge of the opening so that it will receive the insulation of the wire and prevent it from raveling.

They are stronger, more uniform and of better finished appearance than cast terminals.

Made for 16 to 0000 sizes B. & S. Gauge wire.

Code Word.	List No.	Mfr. No.	Diam. of Hole for Insulation. Ins.	Diam. of Hole for Stranded Wire. Ins.	List Price Per 1000
Zafusuk	40466	16	.1875	.108	$50.50
Zafusul	40467	14	.21875	.138	52.50
Zafusum. .	40468	12	.25	.157	55.00
Zafusun	.40469	10	.28125	.188	58.00
Zafusup	40470	9	.3125	.210	61.00
Zafusur	40471	8	.34375	.21875	65.00
Zafusus	40472	6	.375	.25	76.00
Zafusut	40473	5	.40625	.28125	86.00
Zafusuv	40474	4	.4375	.3125	99.00
Zafusuw	40475	3	.46875	.34375	112.00
Zafusux	40476	2	.514	.375	126.00
Zafusuy	40477	1	.5825	.40625	143.00
Zafusuz	40478	0	.625	.46875	168.00
Zafuta	40479	00	.6875	.53125	193.00
Zafutab	40480	000	.75	.59375	220.00
Zafutac	40481	0000	.8125	.65625	250.00

THE O. K. GROUND CLAMP.

N. E. CODE STANDARD.

(Patented.)

The O. K. Ground Clamp presents many advantages when grounding electric lighting systems to either water or driven pipes, bonding conduit systems, or underground cables, and is extensively used for these various purposes.

It is made of SPRING COPPER flexible enough to make a PERFECT CONTACT with the pipe, and thick enough to make a MECHANICALLY SECURE job. It is SELF-CONTAINED; that is, the end of the screw is riveted over so that the screw and nut cannot become separated from the clamp.

SINGLE SCREW CLAMP FOR STANDARD IRON PIPE.

No. 43210.

Code Word.	List No.	Size Pipe.	List Price Each.
Zafuwov	43210	⅜ inch	$0.12
Zafuwow	43211	½ inch	.12
Zafuwox	43212	¾ inch	.14
Zafuwoy	43213	1 inch	.16
Zafuwoz	43214	1¼ inch	.18
Zafuwu	43215	1½ inch	.24
Zafuwub	43216	2 inch	.30
Zafuwuc	43217	2½ inch	.38
Zafuwud	43218	3 inch	.46

DOUBLE SCREW CLAMP FOR STANDARD IRON PIPE.

No. 43219.

Zafuwuf	43219	⅜ inch	.20
Zafuwug	43220	½ inch	.20
Zafuwuh	43221	¾ inch	.22
Zafuwuk	43222	1 inch	.26
Zafuwul	43223	1¼ inch	.29
Zafuwum	43224	1½ inch	.34
Zafuwun	43225	2 inch	.40
Zafuwup	43226	2½ inch	.42
Zafuwur	43227	3 inch	.48

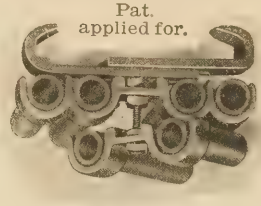
CLAMP FOR FLEXIBLE STEEL CONDUIT AND CONDUCTOR.

No. 43228.

		Single Screw for Use on	
Zafuwus	43228	"A" No. 14 and 12 BX2 Conductors, No. 14 BX3 and ⅜-in. Flexible Conduit	.13
Zafuwut	43229	"B" No. 10 BX2 and 3 Conductors, No. 12, BX3, No. 12 and 14 BXL	.13
Zafuwuv	43230	"C" ½ in. Flexible Conduit	.16
Zafuwuw	43231	"D" ¾ in. Flexible Conduit, No. 4 BX2	.19
Zafuwux	43232	"E" 1 in. Flexible Conduit	.20

CONDUIT SPECIALTIES.

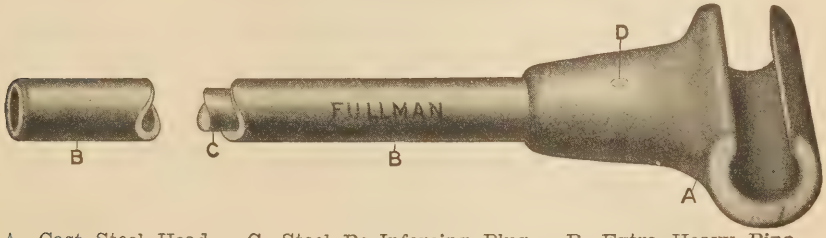
ADJUSTABLE CONDUIT HANGER.



Will fit any beam from 2¾ inches to 8¾ inches. They are adjustable for varying plaster lines, and will support any number of conduits from one to eight; which may run at any angle with the beams and close against the beams, or far enough below to permit a second line of conduits to be run above. Additional runs of conduit can be added without interfering with lines already in position. It is not necessary to loosen clamp to meet any condition which may arise. No other conduit hanger will accomplish half as much at twice the cost.

Hanger Complete with Clamps and Supports for Conduit as Below.	List No.	Fits Beams 2¾ to 4½ in. List Price, per 100	List No.	Fits Beam 3¾ to 6 in. List Price per 100.	List No.	Fits Beams 3¾ to 7½ in. List Price, per 100	List No.	Fits Beams 5 to 8¾ in. List Price, per 100	Std. Pkg.
2—½ in	29793	$30.00	29808	$34.00	29823	$38.00	29838	$42.00	100
2—¾ in	29794	34.00	29809	38.00	29824	42.00	29839	46.00	100
4—½ in	29795	38.00	29810	42.00	29825	46.00	29840	50.00	50
4—¾ in	29796	42.00	29811	46.00	29826	50.00	29841	54.00	50
6—½ in	29797	46.00	29812	50.00	29827	54.00	29842	58.00	25
6—¾ in	29798	54.00	29813	58.00	29828	62.00	29843	66.00	25
8—½ in	23799	54.00	29814	58.00	29829	62.00	29844	66.00	25
8—¾ in	29800	62.00	29815	66.00	29830	70.00	29845	74.00	25
2—½ & 2—¾ in	29801	42.00	29816	46.00	29831	50.00	29846	54.00	25
2—½ & 4—¾ in	29802	50.00	29817	54.00	29832	58.00	29847	62.00	25
4—½ & 2—¾ in	29803	50.00	29818	54.00	29833	58.00	29848	62.00	25
4—½ & 4—¾ in	29804	58.00	29819	62.00	29834	66.00	29849	70.00	25
2—1 in	29805	40.00	29820	44.00	29835	48.00	29850	52.00	25
2—1¼ in	29806	44.00	29821	48.00	29836	52.00	29851	56.00	25
2—1½ in	29807	48.00	29822	52.00	29837	56.00	29852	60.00	25

FULLMAN HAND CONDUIT BENDER.



A—Cast Steel Head. C—Steel Re-Inforcing Plug. B—Extra Heavy Pipe. D—Steel Pin.

The extreme simplicity of this tool makes an elaborate description unnecessary. The illustration leaves nothing to be said as to the form.

The principal advantage of this form of tool is in being able to use it just where wanted. Instead of carrying the work back and forth to a bench for slight changes, the bender is applied to the spot as the work progresses. This is especially advantageous in fitting conduits neatly around other work—making offsets, curves, etc., **after curves are in place.** The two forms, the 90° and 45°, enable the workmen to reach any part of the work—the 45° form being especially useful for reaching under walls and out of the way places. It is usually best to supply the workmen with one of each.

Unlike the old style gas "T" form of bender—this tool can be applied anywhere without having to slide it over the pipe from one end.

				Each.
Zafocuk	36939	900	½ inch 90 degree	$3.20
Zafocul	36940	901	½ inch 45 degree	3.20
Zafocum	36941	902	¾ inch 90 degree	4.30
Zafocun	36942	903	¾ inch 45 degree	4.30

"CONDULETTO" RECEPTACLES

For use with ½, ¾ and 1 Inch Types "A," "B," "C," "D," "E," "LL," "LR," "LB," "LF," "T," "TR," "TL," "U" and "X" Condulets

"Conduletto" Receptacle with Shade Holder Groove

"Conduletto" Receptacle without Shade Holder Groove

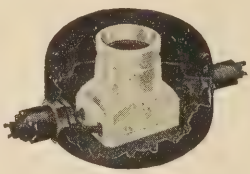
STYLE OF FITTING	RECEPTACLE WITH SHADE HOLDER GROOVE			RECEPTACLE WITHOUT SHADE HOLDER GROOVE		
FOR USE WITH	½ INCH CONDULET	¾ INCH CONDULET	1 INCH CONDULET	½ INCH CONDULET	¾ INCH CONDULET	1 INCH CONDULET
Catalogue Number	JRG 1	JRG 2	JRG 3	JR 1	JR 2	JR 3
Std. Package assorted *	250	100	50	250	100	50
Unit Package not assorted	10	10	10	10	10	10
Weight Std. Pkg. Boxed	115 lbs.	55 lbs.	30 lbs.	115 lbs.	55 lbs.	30 lbs.
List Price Each	$ .33	$ .33	$ .33	$ .28	$ .28	$ .28

* Any assortment of "Conduletto" Receptacles with Shade Holder Groove, for ½, ¾ and 1 inch Condulets, aggregating a total nnmber of 250, entitles purchaser to Standard Package discount.

* Any assortment of "Conduletto" Receptacles without Shade Holder Groove, for ½, ¾ and 1 inch Condulets, aggregating a total number of 250, entitles purchaser to Standard Package discount.

NORBITT CONDUIT BOX RECEPTACLES

Norbitt Conduit Box Receptacle with Shade Holder Groove

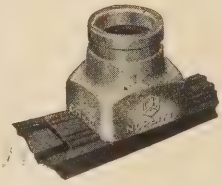


Norbitt Conduit Box Receptacle without Shade Holder Groove

Catalogue Number	DESCRIPTION	Standard Package	Unit Package	Weight Std. Pkg.	List Price
C 227 G	With Shade Holder Groove	250	10	104 lbs.	$ .33
C 227	Without Shade Holder Groove	250	10	104 lbs.	.28

NORBITT MOULDING RECEPTACLES—For 2-Wire Moulding

Norbitt Moulding Receptacle with Shade Holder Groove

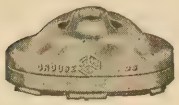


Norbitt Moulding Receptacle without Shade Holder Groove

Catalogue Number	DESCRIPTION	Standard Package	Unit Package	Weight Std. Pkg.	List Price
A 227 G	With Shade Holder Groove	250	10	83 lbs.	$ .33
A 227	Without Shade Holder Groove	250	10	83 lbs.	.28

"CONDULETTO" ROSETTES—Cord and Fixture Types

For use with ½, ¾ and 1 inch "E," "LL," "LR," "TR," "TL," "U" types "A," "B," "C," "D," "LB," "LF," "T," and "X" Condulets



"Conduletto" Cord Rosette

"Conduletto" Fixture Rosette

STYLE OF FITTING	CORD ROSETTE			FIXTURE ROSETTE		
FOR USE WITH	½ INCH CONDULET	¾ INCH CONDULET	1 INCH CONDULET	½ INCH CONDULET	¾ INCH CONDULET	1 INCH CONDULET
Catalogue Number	JC 1	JC 2	JC 3	JF 1	JF 2	JF 3
Standard Package *	250	100	50	100	100	50
Unit Package	10	10	10	10	10	10
Weight Std. Pkg., Boxed	140 lbs.	70 lbs.	40 lbs.	60 lbs.	70 lbs.	40 lbs.
List Price Each	$ .22	$ .22	$ .22	$ .33	$ .33	$ .33

*250 "Conduletto" Cord Rosettes of any size may be assorted to make Standard Package.
*100 "Conduletto" Fixture Rosettes of any size may be assorted to make Standard Package.

NORBITT CONDUIT BOX ROSETTES—Cord and Fixture Types

Norbitt Conduit Box Cord Rosette

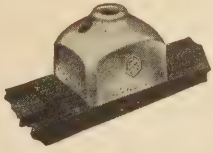
Norbitt Conduit Box Fixture Rosette

Catalogue Number	DESCRIPTION	Standard Package	Unit Package	Weight Std. Pkg.	List Price
C 332	Cord Rosette	250	10	100 lbs.	$ .22
C 338	⅛ inch Fixture Rosette	100	10	45 lbs.	$ .33

NORBITT MOULDING ROSETTES—Cord and Fixture Types

For 2-Wire Moulding

Norbitt Moulding Cord Rosette



Norbitt Moulding Fixture Rosette

Catalogue Number	DESCRIPTION	Standard Package	Unit Package	Weight Std. Pkg.	List Price
A 332	Cord Rosette	250	10	86 lbs.	$ .22
A 338	⅛ inch Fixture Rosette	100	10	40 lbs.	$ .33

NORBITT CLEAT ROSETTES—Cord and Fixture Types

Norbitt Cleat Cord Rosette

Norbitt Cleat Fixture Rosette

Catalogue Number	DESCRIPTION	Standard Package	Unit Package	Weight Std. Pkg.	List Price
B 332	Cord Rosette	250	10	140 lbs.	$ .22
B 338	⅛ inch Fixture Rosette	100	10	60 lbs.	$ .33

TYPE "A" CONDULETS—Tapped for Rigid Conduit

A 12

A 1400

A 17

A 19

Type "A" Condulets Complete with Covers Attached

STYLE OF COVER		Size of Conduit	½ Inch	¾ Inch	1 Inch	1¼ Inch	1½ Inch	2 Inch	2½ Inch	3 Inch	3½ Inch	4 Inch
		Std. Pkg. As'td*	200	100	50	20	10	5	5	5	5	5
		Unit Package	10	5	5	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	A 11	A 21	A 31	A 41	A 51	A 61	A 71	A 81	A 91	A 101
		List Each	$ .34	$ .46	$ .68	$ .98	$ 1.28	$ 2.26	$ 5.75	$ 6.25	$ 11.30	$ 12.60
	2 Wire	Cat. No.	A 12	A 22	A 32	A 42	A 52	A 62	A 72	A 82	A 92	A 102
		List Each	$ .34	$ .46	$ .68	$ .98	$ 1.28	$ 2.26	$ 5.75	$ 6.25	$ 11.30	$ 12.60
	3 Wire	Cat. No.	A 13	A 23	A 33	A 43	A 53	A 63	A 73	A 83	A 93	A 103
		List Each	$ .34	$ .46	$ .68	$ .98	$ 1.28	$ 2.26	$ 5.75	$ 6.25	$ 11.30	$ 12.60
	4 Wire	Cat. No.	A 1400	A 2400	A 3400	A 4400	A 5400	A 6400	A 7400	A 8400	A 9400	A 10400
		List Each	$ .34	$ .46	$ .68	$ .98	$ 1.28	$ 2.26	$ 5.75	$ 6.25	$ 11.30	$ 12.60
	5 Wire	Cat. No.	NOT	A 2500	A 3500	A 4500	A 5500	A 6500	A 7500	A 8500	A 9500	A 10500
		List Each	MADE	$ .46	$ .68	$ .98	$ 1.28	$ 2.26	$ 5.75	$ 6.25	$ 11.30	$ 12.60
	6 Wire	Cat. No.	NOT	A 2600	A 3600	A 4600	A 5600	A 6600	A 7600	A 8600	A 9600	A 10600
		List Each	MADE	$ .46	$ .68	$ .98	$ 1.28	$ 2.26	$ 5.75	$ 6.25	$ 11.30	$ 12.60
	7 Wire	Cat. No.	NOT	NOT	A 3700	A 4700	A 5700	A 6700	A 7700	A 8700	A 9700	A 10700
		List Each	MADE	MADE	$ .68	$ .98	$ 1.28	$ 2.26	$ 5.75	$ 6.25	$ 11.30	$ 12.60
	8 Wire	Cat. No.	NOT	NOT	A 3800	A 4800	A 5800	A 6800	A 7800	A 8700	A 9800	A 10800
		List Each	MADE	MADE	$ .68	$ .98	$ 1.28	$ 2.26	$ 5.75	$ 6.25	$ 11.30	$ 12.60
	For W. P. Socket	Cat. No.	A 14	A 24	A 34	A 44	A 54	A 64	A 74	A 84	A 94	A 104
		List Each	$ .40	$ .56	$ .83	$ 1.18	$ 1.53	$ 2.56	$ 6.10	$ 6.65	$ 11.75	$ 13.05
METAL NIPPLE	1-8 Male	Cat. No.	A 15	A 25	A 35	A 45	A 55	A 65	A 75	A 85	A 95	A 105
		List Each	$ .44	$ .56	$ .78	$ 1.08	$ 1.38	$ 2.36	$ 5.85	$ 6.35	$ 11.40	$ 12.70
	1-8 Female	Cat. No.	A 16	A 26	A 36	A 46	A 56	A 66	A 76	A 86	A 96	A 106
		List Each	$ .44	$ .56	$ .78	$ 1.08	$ 1.38	$ 2.36	$ 5.85	$ 6.35	$ 11.40	$ 12.70
	3-8 Male	Cat No.	A 17	A 27	A 37	A 47	A 57	A 67	A 77	A 87	A 97	A 107
		List Each	$ .49	$ .61	$ .83	$ 1.13	$ 1.43	$ 2.41	$ 5.90	$ 6.40	$ 11.45	$ 12.75
	3-8 Female	Cat. No.	A 18	A 28	A 38	A 48	A 58	A 68	A 78	A 88	A 98	A 108
		List Each	$ .49	$ .61	$ .83	$ 1.13	$ 1.43	$ 2.41	$ 5.90	$ 6.40	$ 11.45	$ 12.75
PORCELAIN NIPPLE	1-8 Male	Cat. No.	A 19	A 29	A 39	A 49	A 59	A 69	A 79	A 89	A 99	A 109
		List Each	$ .49	$ .61	$ .86	$ 1.20	$ 1.52	$ 2.56	$ 6.15	$ 6.80	$ 11.85	$ 13.15
	1-8 Female	Cat. No.	A 110	A 210	A 310	A 410	A 510	A 610	A 710	A 810	A 910	A 1010
		List Each	$ .49	$ .61	$ .86	$ 1.20	$ 1.52	$ 2.56	$ 6.15	$ 6.80	$ 11.85	$ 13.15
	3-8 Male	Cat. No.	A 111	A 211	A 311	A 411	A 511	A 611	A 711	A 811	A 911	A 1011
		List Each	$ .59	$ .72	$ .96	$ 1.30	$ 1.62	$ 2.66	$ 6.25	$ 6.95	$ 12.00	$ 13.30
	3-8 Female	Cat. No.	A 112	A 212	A 312	A 412	A 512	A 612	A 712	A 812	A 912	A 1012
		List Each	$ .59	$ .72	$ .96	$ 1.30	$ 1.62	$ 2.66	$ 6.25	$ 6.95	$ 12.00	$ 13.30
	Blank Metal	Cat. No.	A 100	A 200	A 300	A 400	A 500	A 600	A 700	A 800	A 900	A 1000
		List Each	$ .32	$ .42	$ .66	$ .94	$ 1.25	$ 2.22	$ 5.70	$ 6.20	$ 11.20	$ 12.50

Type "A" Condulet Castings, Without Covers, but With Cover Screws

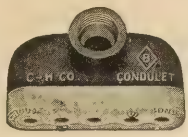
SIZE OF CONDUIT	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
Catalogue Number	A 1	A 2	A 3	A 4	A 5	A 6	A 7	A 8	A 9	A 10
Std. Package not assorted	200	100	50	20	10	5	5	5	5	5
Unit Package not assorted	10	5	5	1	1	1	1	1	1	1
List Price Each	$ .24	$ .31	$ .43	$ .62	$ .80	$ 1.66	$ 4.95	$ 5.45	$ 10.40	$ 11.70

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets of the same size are interchangeable.

TYPE "B" CONDULETS—Tapped for Rigid Conduit

B 13



B 2500

B 15

B 110

Type "B" Condulets Complete with Covers Attached

STYLE OF COVER		Size of Conduit	½ Inch	¾ Inch	1 Inch	1¼ Inch	1½ Inch	2 Inch	2½ Inch	3 Inch	3½ Inch	4 Inch
		Std. Pkg. As'td*	200	100	50	20	10	5	5	5	5	5
		Unit Package	10	5	5	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	B 11	B 21	B 31	B 41	B 51	B 61	B 71	B 81	B 91	B 101
		List Each	$ .39	$ .51	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	2 Wire	Cat. No.	B 12	B 22	B 32	B 42	B 52	B 62	B 72	B 82	B 92	B 102
		List Each	$ .39	$ .51	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	3 Wire	Cat. No.	B 13	B 23	B 33	B 43	B 53	B 63	B 73	B 83	B 93	B 103
		List Each	$ .39	$ .51	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	4 Wire	Cat. No.	B 1400	B 2400	B 3400	B 4400	B 5400	B 6400	B 7400	B 8400	B 9400	B 10400
		List Each	$ .39	$ .51	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	5 Wire	Cat. No.	NOT	B 2500	B 3500	B 4500	B 5500	B 6500	B 7500	B 8500	B 9500	B 10500
		List Each	MADE	$ .51	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	6 Wire	Cat. No.	NOT	B 2600	B 3600	B 4600	B 5600	B 6600	B 7600	B 8600	B 9600	B 10600
		List Each	MADE	$ .51	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	7 Wire	Cat. No.	NOT	NOT	B 3700	B 4700	B 5700	B 6700	B 7700	B 8700	B 9700	B 10700
		List Each	MADE	MADE	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	8 Wire	Cat. No.	NOT	NOT	B 3800	B 4800	B 5800	B 6800	B 7800	B 8800	B 9800	B 10800
		List Each	MADE	MADE	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	For W. P. Socket	Cat. No.	B 14	B 24	B 34	B 44	B 54	B 64	B 74	B 84	B 94	B 104
		List Each	$ .45	$ .61	$ .90	$ 1.36	$ 1.77	$ 3.04	$ 6.50	$ 7.05	$ 12.70	$ 14.05
METAL NIPPLE	1-8 Male	Cat. No.	B 15	B 25	B 35	B 45	B 55	B 65	B 75	B 85	B 95	B 105
		List Each	$ .49	$ .61	$ .85	$ 1.26	$ 1.62	$ 2.84	$ 6.25	$ 6.75	$ 12.35	$ 13.70
	1-8 Female	Cat. No.	B 16	B 26	B 36	B 46	B 56	B 66	B 76	B 86	B 96	B 106
		List Each	$ .49	$ .61	$ .85	$ 1.26	$ 1.62	$ 2.84	$ 6.25	$ 6.75	$ 12.35	$ 13.70
	3-8 Male	Cat No.	B 17	B 27	B 37	B 47	B 57	B 67	B 77	B 87	B 97	B 107
		List Each	$ .54	$ .66	$ .90	$ 1.31	$ 1.67	$ 2.89	$ 6.30	$ 6.80	$ 12.40	$ 13.75
	3-8 Female	Cat. No.	B 18	B 28	B 38	B 48	B 58	B 68	B 78	B 88	B 98	B 108
		List Each	$ .54	$ .66	$ .90	$ 1.31	$ 1.67	$ 2.89	$ 6.30	$ 6.80	$ 12.40	$ 13.75
PORCELAIN NIPPLE	1-8 Male	Cat. No.	B 19	B 29	B 39	B 49	B 59	B 69	B 79	B 89	B 99	B 109
		List Each	$ .54	$ .66	$ .93	$ 1.38	$ 1.76	$ 3.04	$ 6.55	$ 7.20	$ 12.80	$ 14.15
	1-8 Female	Cat. No.	B 110	B 210	B 310	B 410	B 510	B 610	B 710	B 810	B 910	B 1010
		List Each	$ .54	$ .66	$ .93	$ 1.38	$ 1.76	$ 3.04	$ 6.55	$ 7.20	$ 12.80	$ 14.15
	3-8 Male	Cat. No.	B 111	B 211	B 311	B 411	B 511	B 611	B 711	B 811	B 911	B 1011
		List Each	$ .64	$ .77	$ 1.03	$ 1.48	$ 1.86	$ 3.14	$ 6.65	$ 7.35	$ 12.95	$ 14.30
	3-8 Female	Cat. No.	B 112	B 212	B 312	B 412	B 512	B 612	B 712	B 812	B 912	B 1012
		List Each	$ .64	$ .77	$ 1.03	$ 1.48	$ 1.86	$ 3.14	$ 6.65	$ 7.35	$ 12.95	$ 14.30
	Blank Metal	Cat. No.	B 100	B 200	B 300	B 400	B 500	B 600	B 700	B 800	B 900	B 1000
		List Each	$ .37	$ .47	$ .73	$ 1.12	$ 1.49	$ 2.70	$ 6.10	$ 6.60	$ 12.15	$ 13.50

Type "B" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	½ Inch	¾ Inch	1 Inch	1¼ Inch	1½ Inch	2 Inch	2½ Inch	3 Inch	3½ Inch	4 Inch
Catalogue Number	B 1	B 2	B 3	B 4	B 5	B 6	B 7	B 8	B 9	B 10
Std. Package not assorted	200	100	50	20	10	5	5	5	5	5
Unit Package not assorted	10	5	5	1	1	1	1	1	1	1
List Price Each	$ .29	$ .36	$ .50	$ .80	$ 1.04	$ 2.14	$ 5.35	$ 5.85	$ 11.35	$ 12.70

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets of the same size are interchangeable.

TYPE "C" CONDULETS—Tapped for Rigid Conduit

C 11

C 16

C 19

Type "C" Condulets Complete with Covers Attached

STYLE OF COVER		Size of Conduit	½ Inch	¾ Inch	1 Inch	1¼ Inch	1½ Inch	2 Inch	2½ Inch	3 Inch	3½ Inch	4 Inch
		Std. Pkg. As'td*	200	100	50	20	10	5	5	5	5	5
		Unit Package	10	5	5	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	C 11	C 21	C 31	C 41	C 51	C 61	C 71	C 81	C 91	C 101
		List Each	$ .46	$ .56	$ .84	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	2 Wire	Cat. No.	C 12	C 22	C 32	C 42	C 52	C 62	C 72	C 82	C 92	C 102
		List Each	$ .46	$ .56	$ .84	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	3 Wire	Cat. No.	C 13	C 23	C 33	C 43	C 53	C 63	C 73	C 83	C 93	C 103
		List Each	$ .46	$ .56	$ .84	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	4 Wire	Cat. No.	C 1400	C 2400	C 3400	C 4400	C 5400	C 6400	C 7400	C 8400	C 9400	C 10400
		List Each	$ .46	$ .56	$ .84	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	5 Wire	Cat. No.	NOT	C 2500	C 3500	C 4500	C 5500	C 6500	C 7500	C 8500	C 9500	C 10500
		List Each	MADE	$ .56	$ .84	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	6 Wire	Cat. No.	NOT	C 2600	C 3600	C 4600	C 5600	C 6600	C 7600	C 8600	C 9600	C 10600
		List Each	MADE	$ .56	$ .84	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	7 Wire	Cat. No.	NOT	NOT	C 3700	C 4700	C 5700	C 6700	C 7700	C 8700	C 9700	C 10700
		List Each	MADE	MADE	$ .84	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	8 Wire	Cat. No.	NOT	NOT	C 3800	C 4800	C 5800	C 6800	C 7800	C 8800	C 9800	C 10800
		List Each	MADE	MADE	$ .84	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	For W. P. Socket	Cat. No.	C 14	C 24	C 34	C 44	C 54	C 64	C 74	C 84	C 94	C 104
		List Each	$ .52	$ .66	$ .99	$ 1.50	$ 1.95	$ 3.33	$ 7.40	$ 8.60	$ 18.05	$ 19.65
METAL NIPPLE	1-8 Male	Cat. No.	C 15	C 25	C 35	C 45	C 55	C65	C 75	C 85	C 95	C 105
		List Each	$ .56	$ .66	$ .94	$ 1.40	$ 1.80	$ 3.13	$ 7.15	$ 8.30	$ 17.70	$ 19.30
	1-8 Female	Cat. No.	C 16	C 26	C 36	C 46	C 56	C 66	C 76	C 86	C 96	C 106
		List Each	$ .56	$ .66	$ .94	$ 1.40	$ 1.80	$ 3.13	$ 7.15	$ 8.30	$ 17.70	$ 19.30
	3-8 Male	Cat. No.	C 17	C 27	C 37	C 47	C 57	C 67	C 77	C 87	C 97	C 107
		List Each	$ .61	$ .71	$ .99	$ 1.45	$ 1.85	$ 3.18	$ 7.20	$ 8.35	$ 17.75	$ 19.35
	3-8 Female	Cat. No.	C 18	C 28	C 38	C 48	C 58	C 68	C 78	C 88	C 98	C 108
		List Each	$ .61	$ .71	$ .99	$ 1.45	$ 1.85	$ 3.18	$ 7.20	$ 8.35	$ 17.75	$ 19.35
PORCELAIN NIPPLE	1-8 Male	Cat. No.	C 19	C 29	C 39	C 49	C 59	C 69	C 79	C 89	C 99	C 109
		List Each	$ .61	$ .71	$ 1.02	$ 1.52	$ 1.94	$ 3.33	$ 7.45	$ 8.75	$ 18.15	$ 19.75
	1-8 Female	Cat. No.	C 110	C 210	C 310	C 410	C 510	C 610	C 710	C 810	C 910	C 1010
		List Each	$ .61	$ .71	$ 1.02	$ 1.52	$ 1.94	$ 3.33	$ 7.45	$ 8.75	$ 18.15	$ 19.75
	3-8 Male	Cat. No.	C 111	C 211	C 311	C 411	C 511	C 611	C 711	C 811	C 911	C 1011
		List Each	$ .71	$ .82	$ 1.12	$ 1.62	$ 2.04	$ 3.43	$ 7.55	$ 8.90	$ 18.30	$ 19.90
	3-8 Female	Cat. No.	C 112	C 212	C 312	C 412	C 512	C 612	C 712	C 812	C 912	C 1012
		List Each	$ .71	$ .82	$ 1.12	$ 1.62	$ 2.04	$ 3.43	$ 7.55	$ 8.90	$ 18.30	$ 19.90
	Blank Metal	Cat. No.	C 100	C 200	C 300	C 400	C 500	C 600	C 700	C 800	C 900	C 1000
		List Each	$ .44	$ .52	$ .82	$ 1.26	$ 1.67	$ 2.99	$ 7.00	$ 8.15	$ 17.50	$ 19.10

Type "C" Condulet Castings, Without Covers, but With Cover Screws

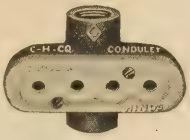
SIZE OF CONDUIT	½ Inch	¾ Inch	1 Inch	1¼ Inch	1½ Inch	2 Inch	2½ Inch	3 Inch	3½ Inch	4 Inch
Catalogue Number	C 1	C 2	C 3	C 4	C 5	C 6	C 7	C 8	C 9	C 10
Std. Package not assorted	200	100	50	20	10	5	5	5	5	5
Unit Package not assorted	10	5	5	1	1	1	1	1	1	1
List Price Each	$ .36	$ .41	$ .59	$ .94	$ 1.22	$ 2.43	$ 6.25	$ 7.40	$ 16.70	$ 18.30

*All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.

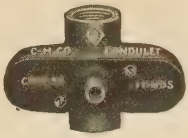
Covers of all Condulets of the same size are interchangeable.

TYPE "D" CONDULETS—Tapped for Rigid Conduit

D 12



D 1400



D 15

D 112

Type "D" Condulets Complete with Covers Attached

STYLE OF COVER		Size of Conduit	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
		Std. Pkg. As'td*	200	100	50	20	10	5	5	5	5	5
		Unit Package	10	5	5	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	D 11	D 21	D 31	D 41	D 51	D 61	D 71	D 81	D 91	D 101
		List Each	$ .44	$ .56	$ .82	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	2 Wire	Cat. No.	D 12	D 22	D 32	D 42	D 52	D 62	D 72	D 82	D 92	D 102
		List Each	$ .44	$ .56	$ .82	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	3 Wire	Cat. No.	D 13	D 23	D 33	D 43	D 53	D 63	D 73	D 83	D 93	D 103
		List Each	$ .44	$ .56	$ .82	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	4 Wire	Cat. No.	D 1400	D 2400	D 3400	D 4400	D 5400	D 6400	D 7400	D 8400	D 9400	D 10400
		List Each	$ .44	$ .56	$ .82	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	5 Wire	Cat. No.	NOT	D 2500	D 3500	D 4500	D 5500	D 6500	D 7500	D 8500	D 9500	D 10500
		List Each	MADE	$ .56	$ .82	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	6 Wire	Cat. No.	NOT	D 2600	D 3600	D 4600	D 5600	D 6600	D 7600	D 8600	D 9600	D 10600
		List Each	MADE	$ .56	$ .82	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	7 Wire	Cat. No.	NOT	NOT	D 3700	D 4700	D 5700	D 6700	D 7700	D 8700	D 9700	D 10700
		List Each	MADE	MADE	$ .82	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	8 Wire	Cat. No.	NOT	NOT	D 3800	D 4800	D 5800	D 6800	D 7800	D 8800	D 9800	D 10800
		List Each	MADE	MADE	$ .82	$ 1.30	$ 1.70	$ 3.03	$ 7.05	$ 8.20	$ 17.60	$ 19.20
	For W. P. Socket	Cat. No.	D 14	D 24	D 34	D 44	D 54	D 64	D 74	D 84	D 94	D 104
		List Each	$ .50	$ .66	$ .97	$ 1.50	$ 1.95	$ 3.33	$ 7.40	$ 8.60	$ 18.05	$ 19.65
METAL NIPPLE	1-8 Male	Cat. No.	D 15	D 25	D 35	D 45	D 55	D 65	D 75	D 85	D 95	D 105
		List Each	$ .54	$ .66	$ .92	$ 1.40	$ 1.80	$ 3.13	$ 7.15	$ 8.30	$ 17.70	$ 19.30
	1-8 Female	Cat. No.	D 16	D 26	D 36	D 46	D 56	D 66	D 76	D 86	D 96	D 106
		List Each	$ .54	$ .66	$ .92	$ 1.40	$ 1.80	$ 3.13	$ 7.15	$ 8.30	$ 17.70	$ 19.30
	3-8 Male	Cat. No.	D 17	D 27	D 37	D 47	D 57	D 67	D 77	D 87	D 97	D 107
		List Each	$ .59	$ .71	$ .97	$ 1.45	$ 1.85	$ 3.18	$ 7.20	$ 8.35	$ 17.75	$ 19.35
	3-8 Female	Cat. No.	D 18	D 28	D 38	D 48	D 58	D 68	D 78	D 88	D 98	D 108
		List Each	$ .59	$ .71	$ .97	$ 1.45	$ 1.85	$ 3.18	$ 7.20	$ 8.35	$ 17.75	$ 19.35
PORCELAIN NIPPLE	1-8 Male	Cat. No.	D 19	D 29	D 39	D 49	D 59	D 69	D 79	D 89	D 99	D 109
		List Each	$ .59	$ .71	$ 1.00	$ 1.52	$ 1.94	$ 3.33	$ 7.45	$ 8.75	$ 18.15	$ 19.75
	1-8 Female	Cat. No.	D 110	D 210	D 310	D 410	D 510	D 610	D 710	D 810	D 910	D 1010
		List Each	$ .59	$ .71	$ 1.00	$ 1.52	$ 1.94	$ 3.33	$ 7.45	$ 8.75	$ 18.15	$ 19.75
	3-8 Male	Cat. No.	D 111	D 211	D 311	D 411	D 511	D 611	D 711	D 811	D 911	D 1011
		List Each	$ .69	$ .82	$ 1.10	$ 1.62	$ 2.04	$ 3.43	$ 7.55	$ 8.90	$ 18.30	$ 19.90
	3-8 Female	Cat. No.	D 112	D 212	D 312	D 412	D 512	D 612	D 712	D 812	D 912	D 1012
		List Each	$ .69	$ .82	$ 1.10	$ 1.62	$ 2.04	$ 3.43	$ 7.55	$ 8.90	$ 18.30	$ 19.90
	Blank Metal	Cat. No.	D 100	D 200	D 300	D 400	D 500	D 600	D 700	D 800	D 900	D 1000
		List Each	$ .42	$ .52	$ .80	$ 1.26	$ 1.67	$ 2.99	$ 7.00	$ 8.15	$ 17.50	$ 19.10

Type "D" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
Catalogue Number	D 1	D 2	D 3	D 4	D 5	D 6	D 7	D 8	D 9	D 10
Std. Package not assorted	200	100	50	20	10	5	5	5	5	5
Unit Package not assorted	10	5	5	1	1	1	1	1	1	1
List Price Each	$ .34	$ .41	$ .57	$ .94	$ 1.22	$ 2.43	$ 6.25	$ 7.40	$ 16.70	$ 18.30

*All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.

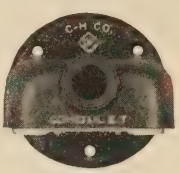
Covers of all Condulets of the same size are interchangeable.

TYPE "DF" CONDULETS—Tapped For Rigid Conduit

For Pipe Lamp Brackets, Floor Standards and Similar Installations

Type "DF" Condulets Complete with Covers Attached

STYLE OF COVER	SIZE OF CONDUIT	½ inch	¾ inch	1 inch
	Std. Pkg. As'td*	100	75	50
	Unit Package	5	5	5
PORCELAIN WITH WIRE HOLES — 1 Wire	Cat. No.	DF 11	DF 21	DF 31
	List Each	$ 1.35	$ 1.60	$ 1.95
2 Wire	Cat. No.	DF 12	DF 22	DF 32
	List Each	$ 1.35	$ 1.60	$ 1.95
3 Wire	Cat. No.	DF 13	DF 23	DF 33
	List Each	$ 1.35	$ 1.60	$ 1.95
4 Wire	Cat. No.	DF 1400	DF 2400	DF 3400
	List Each	$ 1.35	$ 1.60	$ 1.95
5 Wire	Cat. No.	NOT MADE	DF 2500	DF 3500
	List Each		$ 1.60	$ 1.95
6 Wire	Cat. No.	NOT MADE	DF 2600	DF 3600
	List Each		$ 1.60	$ 1.95
7 Wire	Cat. No.	NOT MADE	NOT MADE	DF 3700
	List Each			$ 1.95
8 Wire	Cat. No.	NOT MADE	NOT MADE	DF 3800
	List Each			$ 1.95
For W. P. Socket	Cat. No.	DF 14	DF 24	DF 34
	List Each	$ 1.41	$ 1.70	$ 2.10



"DF" 12
(Front View)

"DF"
(Side View)

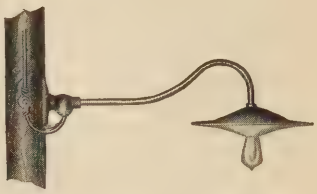


Illustration of one of the many uses of Type "DF" Condulet

Type "DF" Condulet Castings, without Covers, but with Cover Screws

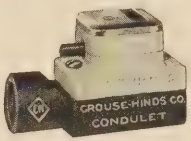
SIZE OF CONDUIT	½ inch	¾ inch	1 inch
Catalogue Number	DF 1	DF 2	DF 3
Standard Pkg. not assorted	100	75	50
Unit Package not assorted	5	5	5
List Price Each	$ 1.25	$ 1.45	$ 1.75

*All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.

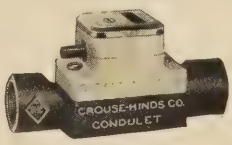
Covers of all Condulets having the same size mains are interchangeable.

TYPES "CH" & "CHC" CONDULETS—Tapped for Rigid Conduit

For Cutler-Hammer Push Button Switches—7100, 7101, 7102 and 7103



CH 1



CH 1 C

Type "CH" Condulets

SIZE OF CONDUIT	½ inch	¾ inch	1 inch
Catalogue Number	CH 1	CH 2	CH 3
Std. Pkg. not assorted	75	50	25
Unit Pkg. not assorted	10	5	5
List Price Each	$ .35	$ .40	$ .45

Type "CHC" Condulets

SIZE OF CONDUIT	½ inch	¾ inch	1 inch
Catalogue Number	CH 1 C	CH 2 C	CH 3 C
Std. Pkg. not assorted	75	50	25
Unit Pkg. not assorted	10	5	5
List Price Each	$ .45	$ .50	$ .55

½, ¾ and 1-inch types "CH" and "CHC" Condulets will take any of the Cutler-Hammer Push Button Switches listed under heading.

SPECIAL STANDARD PACKAGE ASSORTMENT

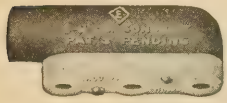
Any assortment of ½-inch types "CH" and "CHC" Condulets, aggregating a total number of 100, entitles purchaser to the Standard Package discount.

Any assortment of ¾-inch types "CH" and "CHC" Condulets, aggregating a total number of 75, entitles purchaser to the Standard Package discount.

Any assortment of 1-inch types "CH" and "CHC" Condulets, aggregating a total number of 25, entitles purchaser to the Standard Package discount.

Prices do not include and we do not furnish Switches.

TYPE "E" CONDULETS—Tapped for Rigid Conduit



E 13

E 2500

E 211

Type "E" Condulets Complete with Covers Attached

STYLE OF COVER		Size of Conduit	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
		Std. Pkg. As'td*	200	100	50	20	10	5	5	5	5	5
		Unit Package	10	5	5	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	E 11	E 21	E 31	E 41	E 51	E 61	E 71	E 81	E 91	E 101
		List Each	$ .39	$ .50	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	2 Wire	Cat. No.	E 12	E 22	E 32	E 42	E 52	E 62	E 72	E 82	E 92	E 102
		List Each	$ .39	$ .50	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	3 Wire	Cat. No.	E 13	E 23	E 33	E 43	E 53	E 63	E 73	E 83	E 93	E 103
		List Each	$ .39	$ .50	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	4 Wire	Cat. No.	E 1400	E 2400	E 3400	E 4400	E 5400	E 6400	E 7400	E 8400	E 9400	E 10400
		List Each	$ .39	$ .50	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	5 Wire	Cat. No.	NOT MADE	E 2500	E 3500	E 4500	E 5500	E 6500	E 7500	E 8500	E 9500	E 10500
		List Each		$ .50	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	6 Wire	Cat. No.	NOT MADE	E 2600	E 3600	E 4600	E 5600	E 6600	E 7600	E 8600	E 9600	E 10600
		List Each		$ .50	$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	7 Wire	Cat. No.	NOT MADE	NOT MADE	E 3700	E 4700	E 5700	E 6700	E 7700	E 8700	E 9700	E 10700
		List Each			$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	8 Wire	Cat. No.	NOT MADE	NOT MADE	E 3800	E 4800	E 5800	E 6800	E 7800	E 8800	E 9800	E 10800
		List Each			$ .75	$ 1.16	$ 1.52	$ 2.74	$ 6.15	$ 6.65	$ 12.25	$ 13.60
	For W. P. Socket	Cat. No.	E 14	E 24	E 34	E 44	E 54	E 64	E 74	E 84	E 94	E 104
		List Each	$ .45	$ .60	$ .90	$ 1.36	$ 1.77	$ 3.04	$ 6.50	$ 7.05	$ 12.70	$ 14.05
METAL NIPPLE	1-8 Male	Cat. No.	E 15	E 25	E 35	E 45	E 55	E 65	E 75	E 85	E 95	E 105
		List Each	$ .49	$ .60	$ .85	$ 1.26	$ 1.62	$ 2.84	$ 6.25	$ 6.75	$ 12.35	$ 13.70
	1-8 Female	Cat. No.	E 16	E 26	E 36	E 46	E 56	E 66	E 76	E 86	E 96	E 106
		List Each	$ .49	$ .60	$ .85	$ 1.26	$ 1.62	$ 2.84	$ 6.25	$ 6.75	$ 12.35	$ 13.70
	3-8 Male	Cat. No.	E 17	E 27	E 37	E 47	E 57	E 67	E 77	E 87	E 97	E 107
		List Each	$ .54	$ .65	$ .90	$ 1.31	$ 1.67	$ 2.89	$ 6.30	$ 6.80	$ 12.40	$ 13.75
	3-8 Female	Cat. No.	E 18	E 28	E 38	E 48	E 58	E 68	E 78	E 88	E 98	E 108
		List Each	$ .54	$ .65	$ .90	$ 1.31	$ 1.67	$ 2.89	$ 6.30	$ 6.80	$ 12.40	$ 13.75
PORCELAIN NIPPLE	1-8 Male	Cat. No.	E 19	E 29	E 39	E 49	E 59	E 69	E 79	E 89	E 99	E 109
		List Each	$ .54	$ .65	$ .93	$ 1.38	$ 1.76	$ 3.04	$ 6.55	$ 7.20	$ 12.80	$ 14.15
	1-8 Female	Cat. No.	E 110	E 210	E 310	E 410	E 510	E 610	E 710	E 810	E 910	E 1010
		List Each	$ .54	$ .65	$ .93	$ 1.38	$ 1.76	$ 3.04	$ 6.55	$ 7.20	$ 12.80	$ 14.15
	3-8 Male	Cat. No.	E 111	E 211	E 311	E 411	E 511	E 611	E 711	E 811	E 911	E 1011
		List Each	$ .64	$ .76	$ 1.03	$ 1.48	$ 1.86	$ 3.14	$ 6.65	$ 7.35	$ 12.95	$ 14.30
	3-8 Female	Cat. No.	E 112	E 212	E 312	E 412	E 512	E 612	E 712	E 812	E 912	E 1012
		List Each	$ .64	$ .76	$ 1.03	$ 1.48	$ 1.86	$ 3.14	$ 6.65	$ 7.35	$ 12.95	$ 14.30
	Blank Metal	Cat. No.	E 100	E 200	E 300	E 400	E 500	E 600	E 700	E 800	E 900	E 1000
		List Each	$ .37	$ .46	$ .73	$ 1.12	$ 1.49	$ 2.70	$ 6.10	$ 6.60	$ 12.15	$ 13.50

Type "E" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
Catalogue Number	E 1	E 2	E 3	E 4	E 5	E 6	E 7	E 8	E 9	E 10
Std. Package not assorted	200	100	50	20	10	5	5	5	5	5
Unit Package not assorted	10	5	5	1	1	1	1	1	1	1
List Price Each	$ .29	$ .35	$ .50	$ .80	$ 1.04	$ 2.14	$ 5.35	$ 5.85	$ 11.35	$ 12.70

*All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.

Covers of all Condulets of the same size are interchangeable.

TYPE "F" CONDULETS—Tapped for Rigid Conduit

Original Type of Service Entrance Condulet

F 12

F (SIDE VIEW)

F 2500

Type "F" Condulets Complete with Covers Attached

STYLE OF COVER		Size of Conduit	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
		Std. Pk. As'td*	100	100	50	20	10	5	5	5	5	5
		Unit Package	5	5	5	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	F 11	F 21	F 31	F 41	F 51	F 61	F 71	F 81	F 91	F 101
		List Each	$ .60	$ .80	$ 1.30	$ 2.00	$ 2.65	$ 5.85	$ 12.75	$ 15.00	$ 34.00	$ 40.00
	2 Wire	Cat. No.	F 12	F 22	F 32	F 42	F 52	F 62	F 72	F 82	F 92	F 102
		List Each	$ .60	$ .80	$ 1.30	$ 2.00	$ 2.65	$ 5.85	$ 12.75	$ 15.00	$ 34.00	$ 40.00
	3 Wire	Cat. No.	F 13	F 23	F 33	F 43	F 53	F 63	F 73	F 83	F 93	F 103
		List Each	$ .60	$ .80	$ 1.30	$ 2.00	$ 2.65	$ 5.85	$ 12.75	$ 15.00	$ 34.00	$ 40.00
	4 Wire	Cat. No.	F 1400	F 2400	F 3400	F 4400	F 5400	F 6400	F 7400	F 8400	F 9400	F 10400
		List Each	$ .60	$ .80	$ 1.30	$ 2.00	$ 2.65	$ 5.85	$ 12.75	$ 15.00	$ 34.00	$ 40.00
	5 Wire	Cat. No.	NOT	F 2500	F 3500	F 4500	F 5500	F 6500	F 7500	F 8500	F 9500	F 10500
		List Each	MADE	$ .80	$ 1.30	$ 2.00	$ 2.65	$ 5.85	$ 12.75	$ 15.00	$ 34.00	$ 40.00
	6 Wire	Cat. No.	NOT	F 2600	F 3600	F 4600	F 5600	F 6600	F 7600	F 8600	F 9600	F 10600
		List Each	MADE	$ .80	$ 1.30	$ 2.00	$ 2.65	$ 5.85	$ 12.75	$ 15.00	$ 34.00	$ 40.00
	7 Wire	Cat. No.	NOT	NOT	F 3700	F 4700	F 5700	F 6700	F 7700	F 8700	F 9700	F 10700
		List Each	MADE	MADE	$ 1.30	$ 2.00	$ 2.65	$ 5.85	$ 12.75	$ 15.00	$ 34.00	$ 40.00
	8 Wire	Cat. No.	NOT	NOT	F 3800	F 4800	F 5800	F 6800	F 7800	F 8800	F 9800	F 10800
		List Each	MADE	MADE	$ 1.30	$ 2.00	$ 2.65	$ 5.85	$ 12.75	$ 15.00	$ 34.00	$ 40.00
	For W. P. Socket	Cat. No.	F 14	F 24	F 34	F 44	F 54	F 64	F 74	F 84	F 94	F 104
		List Each	$ .66	$ .90	$ 1.45	$ 2.20	$ 2.90	$ 6.15	$ 13.10	$ 15.40	$ 34.45	$ 40.45

Type "F" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
Catalogue Number	F 1	F 2	F 3	F 4	F 5	F 6	F 7	F 8	F 9	F 10
Std. Package not assorted	100	100	50	20	10	5	5	5	5	5
Unit Package not assorted	5	5	5	1	1	1	1	1	1	1
List Price Each	$ .50	$ .65	$ 1.05	$ 1.64	$ 2.17	$ 5.25	$ 11.95	$ 14.20	$ 33.10	$ 39.10

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets of the same size are interchangeable.

TYPE "FP" CONDULETS

New Type of Service Entrance Condulet

Front View

Type "FP" Condulets

SIZE OF CONDUIT	½-inch	¾-inch	1-inch
Catalogue Number	FP 1	FP 2	FP 3
Std. Package not assorted	100	100	50
Unit Package not assorted	5	5	5
List Price Each	$ .35	$ .45	$ .65

Side View

The New Type of Service Entrance Condulet, listed above, has been developed and placed on the market to meet the demand for an inexpensive but practical and approved service entrance fitting. It is formed from sheet steel and is arranged to clamp on the conduit. It is not tapped and therefore the conduit does not have to be threaded.

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ and 1-inch type "FP" Condulets, aggregating a total number of 150, entitles purchaser to Standard Package discount.

TYPE "FF" CONDULETS—Tapped For Rigid Conduit

A FUSED WEATHERPROOF SERVICE ENTRANCE CONDULET FOR 2, 3 OR 4-WIRE CUT-OUTS

With Adjustable Plate for Cut-out, Porcelain Bushings and all Necessary Fastening Screws, but Without Cut-out

Condulets for 3-30 Ampere, 250-Volt Cut-outs

STYLE OF CUT-OUT	SIZE OF CONDUIT	½ Inch	¾ Inch	1 Inch	1¼ Inch
2-Wire and 3-Wire Cut-outs	Catalogue Number	FF 13022	FF 23022	FF 33022	NOT MADE
	Std. Pkg. not as'td*	20	20	10	
	Unit Package	1	1	1	
	List Price Each	$ 3.90	$ 4.00	$ 4.10	
4-Wire Cut-outs	Catalogue Number	NOT MADE	FF 23042	FF 33042	NOT MADE
	Std. Pkg. not as'td*		20	10	
	Unit Package		1	1	
	List Price Each		$ 4.75	$ 4.90	

Condulets for 31-60 Ampere, 250-Volt Cut-outs

2-Wire and 3-Wire Cut-outs	Catalogue Number	NOT MADE	NOT MADE	FF 36022	FF 46022
	Std. Pkg. not as'td*			10	10
	Unit Package			1	1
	List Price Each			$ 5.00	$ 5.10
4-Wire Cut-outs	Catalogue Number	NOT MADE	NOT MADE	FF 36042	FF 46042
	Std. Pkg. not as'td*			10	10
	Unit Package			1	1
	List Price Each			$ 6.85	$ 7.00

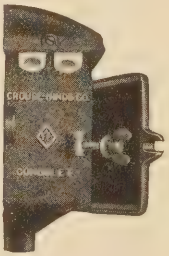
Condulets for 3-30 Ampere, 600-Volt Cut-outs

2-Wire Cut-outs	Catalogue Number	FF 13026	FF 23026	FF 33026	NOT MADE
	Std. Pkg. not as'td*	15	15	10	
	Unit Package	1	1	1	
	List Price Each	$ 4.65	$ 4.75	$ 4.85	
3-Wire and 4-Wire Cut-outs	Catalogue Number	FF 13036	FF 23036	FF 33036	NOT MADE
	Std. Pkg. not as'td*	15	15	10	
	UnitPackage	1	1	1	
	List Price Each	$ 6.20	$ 8.50	$ 8.60	

Porcelain Bushing For All Sizes of Type "FF" Condulets

Catalogue Number	Bushing 1
Standard Package	100
Unit Package	10
List Price Each	$ .15

Type "FF" Condulet Showing Cut-out Mounted
(Front View)



Type "FF" Condulet
(Side View)

Condulet Takes Either Plug Fuse or Enclosed Fuse Cut-out

In listing 4-wire 250-Volt type "FF" Condulets it is intended that two 2-wire Cut-outs be mounted side by side.

In listing 2, 3 and 4-wire 600 Volt type "FF" Condulets it is intended that two, three, and four 1-wire Cut-outs, respectively, be mounted side by side.

VALUABLE FEATURES OF FITTING FOR THE MAN IN CHARGE OF A CENTRAL STATION

Where several services are supplied from one transformer, in case of ground or short circuit on any one of the services, if no secondary protection is provided, the primary fuses of the transformer might be blown and all the services fed from this transformer interrupted until the defective service could be located and disconnected and the transformer primary fuses replaced.

The use of type "FF" Condulets at service entrances localizes trouble and avoids interruption of service to other consumers fed from the same transformer.

VALUABLE FEATURES OF FITTING FOR THE CONSUMER

This fuse protection at service entrance precludes the possibility of the service wires becoming welded in the conduit in case a ground or short circuit occurs between the transformer and the protective devices located within the building. In case of such welding it is impossible to withdraw the service wires from the conduit. In many instances service conduits have been burned through and destroyed by such short circuits or grounds, where no protective device was introduced between the transformer and the main fuses within the building. The installation of type "FF" Condulets eliminates fire risk and also expense of replacing service conduit installation.

The Condulets listed above are furnished with an Adjustable Plate for Cut-out, arranged so as to allow the use of the following cut-outs:

For Type "FF" Condulets—BRYANT—(Plug) 62165, 62965, (Enclosed) 1917, 1918, 1924, 1925. D. and W.—(Enclosed) 91102, 91103, 91108, 91109. G. E. Co.—(Plug) 62165, 62965, (Enclosed) 34367, 34372, 34376, 34377. NOARK—(Enclosed) 3327, 3328, 3329, 3330, 5600. PAISTE—(Plug) 2165, 2965, (Enclosed) 72165, 72965, 82165, 82965. SHAWMUT—(Enclosed) 2077, 2078, 2079, 2080, 20735. TRUMBULL—(Plug) 2165, 2965, (Enclosed) 21653, 21656, 29653, 29656. WEBER—(Plug) 62165, 62965.

SPECIAL STANDARD PACKAGE ASSORTMENT

*Any assortment of type "FF" Condulets, aggregating a total number of 40, entitles purchaser to the Standard Package discount.

Prices do not include and we do not furnish Cut-outs.

TYPES "FD" & "FDC" CONDULETS—Tapped for Rigid Conduit

DEEP TYPE

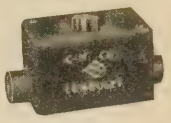
For Push Button Switches and Flush Rotary Switches

Over-all Dimensions of Body of Condulets with Cover Attached:—Length, 4 9-32 inches; Width 2 3-4 inches; Depth, 2 7-8 inches.

FD 18

FD 19

FD 118 C



FD 119 C

Type "FD" Condulets Complete with Covers Attached

SIZE OF CONDUIT	With Cover for Push Button Switches	With Cover for Flush Rotary Switches	Type of Condulets
½ inch	FD 18 75 5 $ .85	FD 19 75 5 $ .85	Catalogue Number Standard Package assorted* Unit Package not assorted List Price Each
¾ inch	FD 28 50 5 $ .95	FD 29 50 5 $ .95	Catalogue Number Standard Package assorted* Unit Package not assorted List Price Each
1 inch	FD 38 25 5 $ 1.10	FD 39 25 5 $ 1.10	Catalogue Number Standard Package assorted* Unit Package not assorted List Price Each

Type "FDC" Condulets Complete with Covers Attached

SIZE OF CONDUIT	With Cover for Push Button Switches	With Cover for Flush Rotary Switches
½ inch	FD 118 C 75 5 $ .95	FD 119 C 75 5 $ .95
¾ inch	FD 228 C 50 5 $ 1.15	FD 229 C 50 5 $ 1.15
1 inch	FD 338 C 25 5 $ 1.35	FD 339 C 25 5 $ 1.35

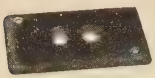
Type "FD" Condulet Castings, without Covers, but with Cover Screws

½ inch	¾ inch	1 inch	SIZE OF CONDUIT
FD 1 75 5 $ .75	FD 2 50 5 $ .85	FD 3 25 5 $ 1.00	Catalogue Number Standard Package not assorted Unit Package not assorted List Price Each

Type "FDC" Condulet Castings, without Covers, but with Cover Screws

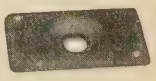
½ inch	¾ inch	1 inch
FD 11 C 75 5 $ .85	FD 22 C 50 5 $ 1.05	FD 33 C 25 5 $ 1.25

Covers for "FD," "FDC," "FS" and "FSC" Condulets



DS 8

For Push Button Switches	STYLE OF COVER For 1-2, 3-4 and 1-inch Condulets	For Flush Rotary Switches
DS 8 100 10 $ .10	Catalogue Number Standard Package Unit Package List Price Each	DS 9 100 10 $. 10



DS 9

SPECIAL STANDARD PACKAGE ASSORTMENT

*Type "FD" Condulets of the same size, with either of the Condulet Covers listed above, may be assorted to make up Standard Package quantities.

Type "FDC" Condulets of the same size, with either of the Condulet Covers listed above, may be assorted to make up Standard Package quantities.

Any assortment of ½, ¾ or 1-inch types "FD," "FDC," "FS" and "FSC" Condulets, with Condulet Covers for Push Button Switches and with Condulet Covers for Flush Rotary Switches, aggregating a total number of 150, 100 or 50, respectively, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of castings only.

The Condulets listed above are arranged so as to allow the use of the following Push Button Switches and Flush Rotary Switches:

For Types "FD" and "FDC" Condulets—ARROW E—(Push Button) 6300, 6301, 6302, 6303, (Rotary Flush) 6250, 6251, 6252, 6253, 6254, 6255, 6256, 6257. DIAMOND H—(Push Button) 010, 020, 030, 040, (Rotary Flush) 0110, 0120, 0130, 0140, 0150, 0160. G. E. Co.—(Push Button) 36078, 36079, 36080, 39398. HART—(Push Button) 701, 702, 703, 704, (Rotary Flush) 600, 601, 602, 603, 604, 605, 609. CUTTER CO.—(Push Button) C-S, S. P., 15 amperes, 110 volts. C-S, D. P., 10 amperes, 110 volts. C-S, 3 Way, 10 amperes, 110 volts. C-S, 4 Way, 10 amperes, 110 volts. Shallow Flush S. P., 6 amperes. Shallow Flush D. P., 10 amperes. Shallow Flush 3 Way, 10 amperes. MARSHALL—(Push Button) 531, 532, 533, 534, (Rotary Flush) 845, 846, 847, 848, 849, 850. MACHEN & MAYER—(Push Button) 2000, 2001, 2002, 2003. PERKINS—(Push Button) 2201, 2202, 2203, 2204, 2201-S, 2202-S, 2203-S, 2204-S, 2295, 2296, 2297, 2298, (Rotary Flush) 2205, 2206, 2207, 2208, 2209, 2210, 2224, 2325.

Prices do not include and we do not furnish Switches.

TYPES "FS" & "FSC" CONDULETS—Tapped for Rigid Conduit

SHALLOW TYPE

For Push Button Switches and Flush Rotary Switches

Over-all Dimensions of Body of Condulets with Cover Attached:—Length, 4 9-32 inches; Width 2 3-4 inches; Depth, 2 1-16 inches.

FS 18

FS 19

FS 118 C

FS 119 C

Type "FS" Condulets Complete with Covers Attached

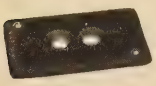
SIZE OF CONDUIT	With Cover for Push Button Switches	With Cover for Flush Rotary Switches	Type of Condulets	SIZE OF CONDUIT	With Cover for Push Button Switches	With Cover for Flush Rotary Switches
½ inch	FS 18 75 5 $ .75	FS 19 75 5 $ .75	Catalogue Number Standard Package assorted* Unit Package not assorted List Price Each	½ inch	FS 118 C 75 5 $ .85	FS 119 C 75 5 $ .85
¾ inch	FS 28 50 5 $ .85	FS 29 50 5 $ .85	Catalogue Number Standard Package assorted* Unit Package not assorted List Price Each	¾ inch	FS 228 C 50 5 $ 1 00	FS 229 C 50 5 $ 1.00
1 inch	FS 38 25 5 $ .95	FS 39 25 5 $ .95	Catalogue Number Standard Package assorted* Unit Package not assorted List Price Each	1 inch	FS 338 C 25 5 $ 1.20	FS 339 C 25 5 $ 1 20

Type "FS" Condulet Castings, without Covers, but with Cover Screws

Type "FSC" Condulet Castings, without Covers, but with Cover Screws

½ inch	¾ inch	1 inch	SIZE OF CONDUIT	½ inch	¾ inch	1 inch
FS 1 75 5 $ .65	FS 2 50 5 $ .75	FS 3 25 5 $ .85	Catalogue Number Standard Package not assorted Unit Package not assorted List Price Each	FS 11 C 75 5 $ .75	FS 22 C 50 5 $ .90	FS 33 C 25 5 $ 1.10

Covers for "FS," "FSC," "FD" and "FDC" Condulets



DS 8

For Push Button Switches	STYLE OF COVER For 1-2, 3-4 and 1-inch Condulets	For Flush Rotary Switches
DS 8 100 10 $ .10	Catalogue Number Standard Package Unit Package List Price Each	DS 9 100 10 $ .10

DS 9

Types "FS" and "FSC" Condulets are designed for installations where Shallow Switches are necessary on account of limited depth.

SPECIAL STANDARD PACKAGE ASSORTMENT

*Type "FS" Condulets of the same size, with either of the Condulet Covers listed above, may be assorted to make up Standard Package quantities.

*Type "FSC" Condulets of the same size, with either of the Condulet Covers listed above, may be assorted to make up Standand Package quantities.

Any assortment of ½, ¾ or 1-inch types "FS," "FSC," "FD" and "FDC" Condulets, with Condulet Covers for Push Button Switches and with Condulet Covers for Flush Rotary Switches, aggregating a total number of 150, 100 or 50, respectively, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of castings only.

The Condulets listed above are arranged so as to allow the use of the following Push Button Switches and Flush Rotary Switches:

For Types "FS" and "FSC" Condulets—ARROW E—(Rotary Flush) 6250, 6251, 6252, 6253, 6254, 6255, 6256, 6257. DIAMOND H—(Rotary Flush) 0110, 0120, 0130, 0140, 0150, 0160. HART—(Rotary Flush) 600, 601, 602, 603, 604, 605, 609. CUTTER CO.—(Push Button)—Shallow Flush S. P., 6 amperes. Shallow Flush D. P., 10 amperes. Shallow Flush 3 Way, 10 amperes. MARSHALL—(Rotary Flush) 845, 846, 847, 848, 849, 850. MACHEN & MAYER—(Push Button) 2000, 2001, 2002, 2003. PERKINS—(Push Button) 2201-S, 2202-S, 2203-S, 2204-S, (Rotary Flush) 2205, 2206, 2207, 2208, 2209, 2210, 2224, 2325.

Prices do not include and we do not furnish Switches.

WEATHERPROOF CONDULETS

With Switch Fastening Strap and All Necessary Fastening Screws, but without Switch

Type "QHA"

Type "QHB"

Type "QHC"

Type "QKC"

Type "QKL"

Type "QKT"

TYPES "QHA," "QHB," "QHC," "QHL" AND "QHT"

For Standard Thumb Knob Snap Switches

SIZE OF CONDULET		Std. Pkg. As'td*	Unit Package	Type of Conduiet	Type "QHA"	Type "QHB"	Type "QHC"	Type "QHL"	Type "QHT"
For 5 and 10 Ampere Switches	½ inch	75	5	Cat. No.	QH 1510 A	QH 1510 B	QH 11510 C	QH 11510 L	QH111510T
				List Each	$ 1.25	$ 1.30	$ 1.50	$ 1.40	$ 1.65
	¾ inch	50	5	Cat. No.	QH 2510 A	QH 2510 B	QH 22510 C	QH 22510 L	QH222510T
				List Each	$ 1.40	$ 1.45	$ 1.75	$ 1.55	$ 1.90
	1 inch	25	5	Cat. No.	QH 3510 A	QH 3510 B	QH 33510 C	QH 33510 L	QH333510T
				List Each	$ 1.55	$ 1.60	$ 2.00	$ 1.70	$ 2.15
For 20 Ampere Switches	½ inch	75	5	Cat. No.	QH 120 A	QH 120 B	QH 1120 C	QH 1120 L	QH 11120 T
				List Each	$ 1.65	$ 1.75	$ 2.00	$ 1.90	$ 2 15
	¾ inch	50	5	Cat. No.	QH 220 A	QH 220 B	QH 2220 C	QH 2220 L	QH 22220 T
				List Each	$ 1.80	$ 1.90	$ 2.30	$ 2.10	$ 2.45
	1 inch	25	5	Cat. No.	QH 320 A	QH 320 B	QH 3320 C	QH 3320 L	QH 33320 T
				List Each	$ 2.00	$ 2.05	$ 2.60	$ 2.30	$ 2.80

TYPES "QKA," "QKB," "QKC," "QKL" AND "QKT"

For Standard Clock Key and Lock Snap Switches

SIZE OF CONDULET		Std. Pkg. As'td†	Unit Package	Type of Conduiet	Type "QKA"	Type "QKB"	Type "QKC"	Type "QKL"	Type "QKT"
For 5 and 10 Ampere Switches	½ inch	75	5	Cat. No.	QK 1510 A	QK 1510 B	QK 11510 C	QK 11510 L	QK111510T
				List Each	$ 1.10	$ 1.15	$ 1.30	$ 1.20	$ 1.40
	¾ inch	50	5	Cat. No.	QK 2510 A	QK 2510 B	QK 22510 C	QK 22510 L	QK222510T
				List Each	$ 1.20	$ 1.25	$ 1.50	$ 1.35	$ 1.60
	1 inch	25	5	Cat. No.	QK 3510 A	QK 3510 B	QK 33510 C	QK 33510 L	QK333510T
				List Each	$ 1.35	$ 1.40	$ 1.70	$ 1.50	$ 1.90
For 20 Ampere Switches	½ inch	75	5	Cat. No.	QK 120 A	QK 120 B	QK 1120 C	QK 1120 L	QK 11120 T
				List Each	$ 1.45	$ 1.50	$ 1.75	$ 1.70	$ 1.90
	¾ inch	50	5	Cat. No.	QK 220 A	QK 220 B	QK 2220 C	QK 2220 L	QK 22220 T
				List Each	$ 1.60	$ 1.70	$ 2.00	$ 1.85	$ 2.20
	1 inch	25	5	Cat. No.	QK 320 A	QK 320 B	QK 3320 C	QK 3320 L	QK 33320 T
				List Each	$ 1.80	$ 1.85	$ 2.30	$ 2.05	$ 2.50

Switch Fastening Straps for Above Condulets

SFS 10

SIZE OF CONDULET	Std. Package	Unit Package	SWITCH CAPACITY	5 and 10 Amp. Switches	20 Ampere Switches
½, ¾ and 1 inch	100	10	Cat. No.	SFS 510	SFS 20
			List Each	$ .10	$ .15

SFS 20

Types "QHL," "QHT," "QKA" and "QKB" Condulets are not illustrated above, as they are of the same general form as types "QKL," QKT," "QHA" and "QHB" Condulets, respectively, with the exception of arrangement of Covers. Types "QHA," "QHB," "QHC," "QHL" and "QHT" Condulets are arranged so that the cover can be secured by a small padlock. Types "QKA," "QKB" "QKC," "QKL" and "QKT" Condulets are arranged so that switch can be operated without opening the cover of Condulet.

*Types "QHA," "QHB," "QHC," "QHL" and "QHT" Condulets of the same size, for 5 and 10 ampere switches, or types "QHA," "QHB," "QHC," "QHL" and "QHT" Condulets of the same size for 20 ampere switches, may be assorted to make up Standard Package quantities.

†Types "QKA," "QKB," "QKC," "QKL" and "QKT" Condulets of the same size, for 5 and 10 ampere switches, or types "QKA," "QKB," "QKC," "QKL" and "QKT" Condulets of the same size, for 20 ampere switches, may be assorted to make up Standard Package quantities.

Condulets designed for Standard Thumb Knob Snap Switches are arranged with Switch Fastening Straps by means of which 5, 10 and 20 Ampere Snap Switches of various makes can be mounted on a Condulet of corresponding amperage classification.

Condulets designed for Standard Clock Key and Lock Snap Switches are arranged with Switch Fastening Straps by means of which 5, 10 and 20 Ampere Snap Switches, designed for Key Attachment, or Pull Switches of various makes can be mounted on a Condulet of corresponding amperage classification.

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ or 1-inch Condulets, listed above, aggregating a total number of 200, 100 and 50, respectively, entitles purchaser to the Standard Package discount.

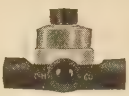
Prices do not include and we do not furnish Switches or Padlocks.

TYPES "G," "GL," "GT," "GX," "H" AND "HA" CONDULETS

G 151

G 151 L

G 151 T


G 151 X

H 15

H 15 A

Castings only, With Swivel and Fitting Fastening Screws, but Without Fittings

SIZE OF CONDUIT		Type of Conduit	Type "G"	Type "GL"	Type "GT"	Type "GX"	Type "H"	Type "HA"
FOR 1-2 INCH CONDUIT	For 5-Ampere Fittings	Catalogue Number	G 151	G 151 L	G 151 T	G 151 X	H 15	H 15 A
		Std. Pkg. not assorted	150	100	100	100	150	100
		Unit Pkg. not assorted	10	10	10	10	10	5
		List Price Each	$ .55	$ .60	$ .75	$ .90	$ .45	$ .50
	For 10-Ampere Fittings	Catalogue Number	G 1101	G 1101 L	G 1101 T	G 1101 X	H 110	H 110 A
		Std. Pkg. not assorted	150	100	100	100	150	100
		Unit Pkg. not assorted	10	10	5	5	10	5
		List Price Each	$ .65	$ .70	$ .85	$ 1.00	$ .55	$ .60
	For 20-Ampere Fittings	Catalogue Number	G 1201	G 1201 L	G 1201 T	G 1201 X	H 120	H 120 A
		Std. Pkg. not assorted	75	50	50	50	75	50
		Unit Pkg. not assorted	5	5	5	5	5	5
		List Price Each	$ .90	$ .95	$ 1.10	$ 1.25	$ .80	$ .85
FOR 3-4 INCH CONDUIT	For 5-Ampere Fittings	Catalogue Number	G 252	G 252 L	G 252 T	G 252 X	H 25	H 25 A
		Std. Pkg. not assorted	75	50	50	50	75	50
		Unit Pkg. not assorted	5	5	5	5	5	5
		List Price Each	$ .65	$ .70	$ .85	$ 1.00	$ .55	$ .60
	For 10-Ampere Fittings	Catalogue Number	G 2102	G 2102 L	G 2102 T	G 2102 X	H 210	H 210 A
		Std. Pkg. not assorted	75	50	50	50	75	50
		Unit Pkg. not assorted	5	5	5	5	5	5
		List Price Each	$ .80	$ .85	$ 1.00	$ 1.15	$ .70	$ .75
	For 20-Ampere Fittings	Catalogue Number	G 2202	G 2202 L	G 2202 T	G 2202 X	H 220	H 220 A
		Std. Pkg. not assorted	50	50	50	50	50	50
		Unit Pkg. not assorted	5	5	5	5	5	5
		List Price Each	$ .95	$ 1.05	$ 1.20	$ 1.40	$ .85	$ .90
FOR 1 INCH CONDUIT	For 5-Ampere Fittings	Catalogue Number	G 353	G 353 L	G 353 T	G 353 X	H 35	H 35 A
		Std. Pkg. not assorted	25	25	25	25	25	25
		Unit Pkg. not assorted	5	5	5	5	5	5
		List Price Each	$ .90	$ .95	$ 1.10	$ 1.35	$ .80	$ .85
	For 10-Ampere Fittings	Catalogue Number	G 3103	G 3103 L	G 3103 T	G 3103 X	H 310	H 310 A
		Std. Pkg. not assorted	25	25	25	25	25	25
		Unit Pkg. not assorted	5	5	5	5	5	5
		List Price Each	$ 1.00	$ 1.05	$ 1.20	$ 1.45	$ .90	$ .95
	For 20-Ampere Fittings	Catalogue Number	G 3203	G 3203 L	G 3203 T	G 3203 X	H 320	H 320 A
		Std. Pkg. not assorted	25	25	25	25	25	25
		Unit Pkg. not assorted	5	5	5	5	5	5
		List Price Each	$ 1.20	$ 1.35	$ 1.50	$ 1.90	$ 1.10	$ 1.20

SWIVELS (Adjustable Plates)

For Types "G," "GL," "GT," "GX" and "H" Condulets

DS 10 Amp.

Std. Pkg. not As'td	Unit Package	SIZE OF CONDULET	For ½, ¾ and 1 Inch Condulets		
			For 5-Ampere Fittings	For 10-Ampere Fittings	For 20-Ampere Fittings
100	10	Cat. No.	DS 5-Amp.	DS 10-Amp.	DS 20-Amp.
		List Each	$ .20	$ .20	$ .25

DS 20 Amp.

SWIVELS (Adjustable Plates)

For Types "HA," "ZC," "ZS," "ZD" and "ZX" Condulets

10 Ampere

Std. Pkg. not As'td	Unit Package	SIZE OF CONDULET	For ½, ¾ and 1 Inch Condulets		
			For 5-Ampere Fittings	For 10-Ampere Fittings	For 20-Ampere Fittings
100	10	Cat. No.	5-Ampere Swivel	10-Ampere Swivel	20-Ampere Swivel
		List Each	$ .15	$ .15	$ .15

20 Ampere

Condulets, listed above, are arranged with a Swivel (Adjustable Plate) by means of which 5, 10 and 20 ampere fittings of various makes can be mounted on a Condulet of corresponding amperage classification. Swivels (Adjustable Plates) permit snap switches to be mounted so as to have "on" and "off" indicators in proper position regardless of whether Condulet is installed vertically or horizontally.

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ and 1-inch Condulets, listed above, without covers, aggregating a total number of 400, 300 and 100, respectively, entitles purchaser to the Standard Package discount.

Prices do not include and we do not furnish Switches or other Fittings.

FITTINGS THAT CAN BE USED WITH TYPES "G," "GL," "GT," "GX," "H" & "HA" CONDULETS

TEN-AMPERE CONDULETS—Continued

Type "G" Condulet With Pull Switch

GENERAL ELECTRIC

Rosettes—40496, 60124.
Snap Switches—34264, 34443, 34444, 34445, 34446, 39134, 39135, 60453, 60454, 60456, 60459, 60462, 60463, 60466, 60467.

HART

Snap Switches—20½, 21, 22, 23, 23½, 24, 25, 27, 29, 30, 50½, 53½, 57, 120½, 121, 122, 123, 123½, 124, 125, 127, 129, 130, 150½, 153½, 157, 220¼, 221, 222, 225, 227, 229, 250½, 257, 320½, 321, 322, 325, 327, 329, 350½, 357, 429, 529, 629, 729.

Type "GL" Condulet With Keyless Receptacle

MANHATTAN ELECTRICAL SUPPLY COMPANY

Concealed Base K. W. Type Rosette—11536.
Concealed Base Standard Fusible Rosette—6562.
Concealed Base Wall Receptacle—16427.

MARSHALL

Rosette—976.
Snap Switch—1006.

PAISTE

Receptacles With Key—28723, 29408, 34193, 38398, 38602, 38606, 38672, 38680, 50729.
Receptacles Without Key—28728, 29411, 34196, 38135, 38394, 38610, 38676, 38684, 50717, 50732.
Rosettes—481, 811, 814, 836, 871, 873, 885, 1073.

Type "GT" Condulet With Receptacle

PASS & SEYMOUR

Fusible Concealed Rosette—390.
Fusible Concealed Socket With Key—3907.
Fusible Concealed Socket Without Key—03907.

PERKINS

Pull Switches—2309, 2310, 2311, 2312, 2313, 2314, 2387, 2388, 2389, 2390, 2395. 2396.
Receptacles—25093, 25094.
Rosettes—3415, 3418.
Snap Switches—2001, 2002, 2003, 2005, 2009, 2017, 2028, 2030, 2031, 2033, 2036, 2038, 2048, 2049, 2050, 2058, 2062, 2064, 2068, 2170, 2072, 2074, 2100, 2103, 2139, 2140, 2141, 2142, 2170, 2171, 2173, 2176, 2177, 2179, 2181, 2183, 2185, 2187, 2188, 2211, 2212, 2215, 2216, 2221, 2225, 2226, 2231, 2232, 2233, 2234, 2237, 2238, 2241, 2242, 2254, 2255, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2272, 2273.
Wall Sockets—24990, 24993, 46262, 46265.

Type "G" Condulet With Flexible Bracket and Key Socket

TRUMBULL

Rosettes—986, 993.

WEBER ELECTRIC COMPANY

Rosettes—378, 378A, 385.

Type "H" Condulet With Twin Socket

TWENTY-AMPERE CONDULETS

BRYANT

Snap Switches—841, 842, 917, 918, 982, 999, 1000.
Weatherproof Receptacle—9408.

DIAMOND H

Snap Switches—321, D321, 322, SP 20-ampere, 3-way 20-ampere, D322, 323, 324, 325, D325, 326, D326.

Type "H" Condulet With Key Receptacle

GENERAL ELECTRIC

Receptacle—50784.
Two-light Clusters—40517, 40518.

Type "GT" Condulet With Hubbell Attachment Plug

HART

Snap Switches—31, 32, 33, 36, 131, 132, 133, 231, 331, 432, 532.

PASS & SEYMOUR

Key Wall Socket Porcelain Base Concealed—60430.
Keyless Wall Socket Porcelain Base Concealed—60431.
Porcelain Key Wall Socket Concealed—247.
Porcelain Keyless Wall Socket Concealed—0247.

Type "HA" Condulet With Key Socket

PERKINS

Rosettes—3421, 3424.
Snap Switches—2011, 2019, 2040, 2052, 2060, 2066, 2227, 2228, 2397, 2398.

FITTINGS THAT CAN BE USED WITH TYPES "G," "GL," "GT," "GX," "H" & "HA" CONDULETS

FIVE-AMPERE CONDULETS

ARROW E

Snap Switches—6100, 6101, 6102, 6103, 6208, 6209, 6210, 6211.

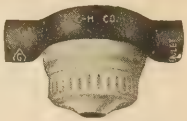
Type "GT" Conduiet With Pull Switch

BRYANT

Pull Wall Sockets—35006, 35028.
Receptacles—50744.
Wall Sockets—29176, 50717, 50723, 50745, 50746, 50748, 50786.

DIAMOND H

Snap Switches—122, D122, 123, 125, D125, 126, D126, 220, D220.



Type "G" Conduit With Rosette

GENERAL ELECTRIC

Metal Shell Receptacle With Key—60018.
Metal Shell Receptacle Without Key—60019.
Pull Wall Sockets—35006, 35007, 35028.
Receptacles—9184, 9185, 27742, 27743, 29404, 29405, 35780, 50717, 50723, 50744, 50745, 50746, 50748.
Rosettes—39236, 39237, 40496, 60124.
Snap Switches—60294, 60295, 60296, 60449, 60450, 60952, 60953, 60955.

Type "GL" Conduiet With Pull Receptacle

HART

Snap Switches—20, 120, 220, 319, 320.

HUBBELL

Pull Switch—5027.
Pull Wall Sockets—5029, 5030, 35006, 35007, 35008, 35028.
Separable Wall Plug—5426.

MANHATTAN ELECTRICAL SUPPLY COMPANY

Concealed Base Fusible Pony Rosette—6567.
Concealed Base Fuseless Pony Rosette—16447.

Type "G" Conduiet With Angle Socket

MARSHALL

Snap Switches—807, 808, 813, 814, 1005, 1006.

PAISTE

Receptacles With Key—50747, 50748.
Receptacles Without Key—50723, 50745.

PASS & SEYMOUR

Fusible Concealed Rosette—390.
Fusible Concealed Socket Rosette With Key—3907.
Fusible Concealed Socket Rosette Without Key—03907.

PERKINS

Snap Switches—2000, 2001, 2002, 2003, 2027, 2030, 2035, 2036, 2047, 2048, 2058, 2064, 2170, 2171, 2175, 2176, 2220, 2221, 2225, 2226, 2231, 2232, 2237, 2238, 2254, 2255, 2321, 2322, 2391, 2392, 2393, 2394.

Type "H" Conduiet With Two Light Cluster (Shade Not Shown)

WEBER ELECTRIC COMPANY

Receptacles—61000, 61432, 61440, 61442, 61445.
Rosettes—378, 378A, 385.

Type "G" Conduiet With Two Light Cluster

TEN-AMPERE CONDULETS

ARROW E

Snap Switches—6204, 6205, 6206, 6207, 6215, 6216, 6217, 6218, 6229, 6230, 6231, 6232, 6233, 6234, 6235, 6236, 6237, 6238, 6239, 6240.

BENJAMIN

Clusters—18, 19, 22, 23, 81, 82.

BRYANT

Pull Wall Socket—35009.
Receptacles—1681, 1685, 9401, 9404, 9405, 9406, 9447.
Rosettes—298, 871, 873, 1073, 1502.
Snap Switches—992, 1010.
Wall Sockets—9184, 9185, 38398, 38302, 50729, 50732, 50747.

Type "GX" Conduiet With Rosette

DIAMOND H

Snap Switches—221, D221, 222, D222, 223, 224, 225, D225, 226, D226, 501, D501, 503, 506, D506, 507, D507, 508, D508.

Type "G" Conduiet With Bracket and Key Socket

GENERAL ELECTRIC

Ceiling Switches—30342, 47092.
Metal Shell Receptacle With Key—60018.
Metal Shell Receptacle Without Key—60019.
Receptacles—9404, 9405, 9406, 50729, 50732.

TYPE "G" CONDULETS—Tapped for Rigid Conduit

WITH PORCELAIN AND METAL COVERS

G 1511

G 1518

G 15110

G 15111

Type "G" Condulets Complete With Covers Attached

STYLE OF COVER		SIZE OF CONDULET	For ½ inch Conduit			For ¾ inch Conduit			For 1 inch Conduit		
			5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.
		Std. Pk. As'td*	150	150	75	75	75	50	25	25	25
		Unit Package	10	10	5	5	5	5	5	5	5
Porcelain 1 Wire Hole		Cat. No.	G 1511	G 11011	G 12011	G 2521	G 21021	G 22021	G 3531	G 31031	G 32031
		List Each	$ .65	$ .75	$ 1.15	$ .75	$ .90	$ 1.20	$ 1.00	$ 1.10	$ 1.45
METAL NIPPLE	1-8 Male	Cat. No.	G 1515	G 11015	G 12015	G 2525	G 21025	G 22025	G 3535	G 31035	G 32035
		List Each	$ .75	$ .85	$ 1.25	$ .85	$ 1.00	$ 1.30	$ 1.10	$ 1.20	$ 1.55
	1-8 Female	Cat. No.	G 1516	G 11016	G 12016	G 2526	G 21026	G 22026	G 3536	G 31036	G 32036
		List Each	$ .75	$ .85	$ 1.25	$ .85	$ 1.00	$ 1.30	$ 1.10	$ 1.20	$ 1.55
	3-8 Male	Cat. No.	G 1517	G 11017	G 12017	G 2527	G 21027	G 22027	G 3537	G 31037	G 32037
		List Each	$ .80	$ .90	$ 1.30	$ .90	$ 1.05	$ 1.35	$ 1.15	$ 1.25	$ 1.60
	3-8 Female	Cat. No.	G 1518	G 11018	G 12018	G 2528	G 21028	G 22028	G 3538	G 31038	G 32038
		List Each	$ .80	$ .90	$ 1.30	$ .90	$ 1.05	$ 1.35	$ 1.15	$ 1.25	$ 1.60
PORCELAIN NIPPLE	1-8 Male	Cat. No.	G 1519	G 11019	G 12019	G 2529	G 21029	G 22029	G 3539	G 31039	G 32039
		List Each	$ .80	$ .90	$ 1.33	$ .90	$ 1.05	$ 1.38	$ 1.15	$ 1.25	$ 1.63
	1-8 Female	Cat. No.	G 15110	G 110110	G 120110	G 25210	G 210210	G 220210	G 35310	G 310310	G 320310
		List Each	$ .80	$ .90	$ 1.33	$ .90	$ 1.05	$ 1.38	$ 1.15	$ 1.25	$ 1.63
	3-8 Male	Cat. No.	G 15111	G 110111	G 120111	G 25211	G 210211	G 220211	G 35311	G 310311	G 320311
		List Each	$ .90	$ 1.00	$ 1.43	$ 1.00	$ 1.15	$ 1.48	$ 1.25	$ 1.35	$ 1.73
	3-8 Female	Cat. No.	G 15112	G 110112	G 120112	G 25212	G 210212	G 220212	G 35312	G 310312	G 320312
		List Each	$ .90	$ 1.00	$ 1.43	$ 1.00	$ 1.15	$ 1.48	$ 1.25	$ 1.35	$ 1.73
Metal Blank		Cat. No.	G 15100	G 110100	G 120100	G 25200	G 210200	G 220200	G 35300	G 310300	G 320300
		List Each	$ .63	$ .73	$ 1.13	$ .73	$ .88	$ 1.18	$ .98	$ 1.08	$ 1.43

Type "G" Condulet Castings, With Swivel and Cover Screws, but Without Covers

SIZE OF CONDULET	For ½ inch Conduit			For ¾ inch Conduit			For 1 inch Conduit		
	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.
Catalogue Number	G 151	G 1101	G 1201	G 252	G 2102	G 2202	G 353	G 3103	G 3203
Std. Pkg. not as'td.	150	150	75	75	75	50	25	25	25
Unit. Pkg. not as'td.	10	10	5	5	5	5	5	5	5
List Price Each	$ .55	$ .65	$ .90	$ .65	$ .80	$ .95	$ .90	$ 1.00	$ 1.20

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ or 1-inch types "G," "GL," "GT," "GX," "H" and "HA" Condulets, with covers, aggregating a total number of 400, 300 and 100, respectively, entitles purchaser to the Standard Package discount.

Types "G," "GL," "GT," "GX," "H" and "HA" Condulets, without covers, cannot be assorted with types "G," "GL," "GT," "GX," "H" and "HA" Condulets, with covers, to make up a Standard Package.

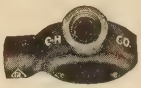
***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets of the same size are interchangeable.

TYPE "GL" CONDULETS—Tapped for Rigid Conduit

WITH PORCELAIN AND METAL COVERS

G 1516 L



G 15100 L

G 15111 L

G 15112 L

Type "GL" Condulets Complete With Covers Attached

STYLE OF COVER		SIZE OF CONDULET	For ½ inch Conduit			For ¾ inch Conduit			For 1 inch Conduit		
			5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.
		Std. Pk. As'td*	100	100	50	50	50	50	25	25	25
		Unit Package	10	10	5	5	5	5	5	5	5
Porcelain 1 Wire Hole		Cat. No.	G 1511 L	G 11011 L	G 12011 L	G 2521 L	G 21021 L	G 22021 L	G 3531 L	G 31031 L	G 32031 L
		List Each	$ .70	$ .80	$ 1.20	$ .80	$ .95	$ 1.30	$ 1.05	$ 1.15	$ 1.60
METAL NIPPLE	1-8 Male	Cat. No.	G 1515 L	G 11015 L	G 12015 L	G 2525 L	G 21025 L	G 22025 L	G 3535 L	G 31035 L	G 32035 L
		List Each	$ .80	$ .90	$ 1.30	$ .90	$ 1.05	$ 1.40	$ 1.15	$ 1.25	$ 1.70
	1-8 Female	Cat. No.	G 1516 L	G 11016 L	G 12016 L	G 2526 L	G 21026 L	G 22026 L	G 3536 L	G 31036 L	G 32036 L
		List Each	$ .80	$ .90	$ 1.30	$ .90	$ 1.05	$ 1.40	$ 1.15	$ 1.25	$ 1.70
	3-8 Male	Cat. No.	G 1517 L	G 11017 L	G 12017 L	G 2527 L	G 21027 L	G 22027 L	G 3537 L	G 31037 L	G 32037 L
		List Each	$ .85	$ .95	$ 1.35	$ .95	$ 1.10	$ 1.45	$ 1.20	$ 1.30	$ 1.75
	3-8 Female	Cat. No.	G 1518 L	G 11018 L	G 12018 L	G 2528 L	G 21028 L	G 22028 L	G 3538 L	G 31038 L	G 32038 L
		List Each	$ .85	$ .95	$ 1.35	$ .95	$ 1.10	$ 1.45	$ 1.20	$ 1.30	$ 1.75
PORCELAIN NIPPLE	1-8 Male	Cat. No.	G 1519 L	G 11019 L	G 12019 L	G 2529 L	G 21029 L	G 22029 L	G 3539 L	G 31039 L	G 32039 L
		List Each	$ .85	$ .95	$ 1.38	$ .95	$ 1.10	$ 1.48	$ 1.20	$ 1.30	$ 1.78
	1-8 Female	Cat. No.	G 15110 L	G 110110L	G 120110L	G 25210 L	G 210210L	G 220210L	G 35310 L	G 310310L	G 320310L
		List Each	$ .85	$ .95	$ 1.38	$ .95	$ 1.10	$ 1.48	$ 1.20	$ 1.30	$ 1.78
	3-8 Male	Cat. No.	G 15111 L	G 110111L	G 120111L	G 25211 L	G 210211L	G 220211L	G 35311 L	G 310311L	G 320311L
		List Each	$ .95	$ 1.05	$ 1.48	$ 1.05	$ 1.20	$ 1.58	$ 1.30	$ 1.40	$ 1.88
	3-8 Female	Cat. No.	G 15112 L	G 110112L	G 120112L	G 25212 L	G 210212L	G 220212L	G 35312 L	G 310312L	G 320312L
		List Each	$ .95	$ 1.05	$ 1.48	$ 1.05	$ 1.20	$ 1.58	$ 1.30	$ 1.40	$ 1.88
Blank Metal		Cat. No.	G 15100 L	G 110100L	G 120100L	G 25200 L	G 210200L	G 220200L	G 35300 L	G 310300L	G 320300L
		List Each	$ .68	$ .78	$ 1.18	$ .78	$ .93	$ 1.28	$ 1.03	$ 1.13	$ 1.58

Type "GL" Condulet Castings, With Swivel and Cover Screws, but Without Covers

SIZE OF CONDULET	For ½ inch Conduit			For ¾ inch Conduit			For 1 inch Conduit		
	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.
Catalogue Number..	G 151 L	G 1101 L	G 1201 L	G 252 L	G 2102 L	G 2202 L	G 353 L	G 3103 L	G 3203 L
Std. Pkg. not as'td...	100	100	50	50	50	50	25	25	25
Unit. Pkg. not as'td..	10	10	5	5	5	5	5	5	5
List Price Each.....	$ .60	$ .70	$ .95	$ .70	$ .85	$ 1.05	$ .95	$ 1.05	$ 1.35

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ or 1-inch types "G," "GL," "GT," "GX," "H" and "HA" Condulets, with covers, aggregating a total number of 400, 300 and 100, respectively, entitles purchaser to the Standard Package discount.

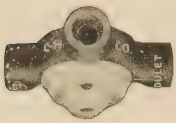
Types "G," "GL," "GT," "GX," "H" and "HA" Condulets, without covers, cannot be assorted with types "G," "GL," "GT," "GX," "H" and "HA" Condulets, with covers, to make up a Standard Package

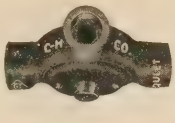
***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets of the same size are interchangeable.

TYPE "GT" CONDULETS—Tapped for Rigid Conduit

WITH PORCELAIN AND METAL COVERS


G 1511 T


G 1516 T

G 1517 T

G 15111 T

Type "GT" Condulets Complete With Covers Attached

STYLE OF COVER		SIZE OF CONDULET	For ½ inch Conduit			For ¾ inch Conduit			For 1 inch Conduit		
			5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.
		Std. Pk. As'td*	100	100	50	50	50	50	25	25	25
		Unit Package	10	10	5	5	5	5	5	5	5
Porcelain 1 Wire Hole		Cat. No.	G 1511 T	G 11011 T	G 12011 T	G 2521 T	G 21021 T	G 22021 T	G 3531 T	G 31031 T	G 32031 T
		List Each	$ .85	$ .95	$ 1.35	$ .95	$ 1.10	$ 1.45	$ 1.20	$ 1.30	$ 1.75
METAL NIPPLE	1-8 Male	Cat. No.	G 1515 T	G 11015 T	G 12015 T	G 2525 T	G 21025 T	G 22025 T	G 3535 T	G 31035 T	G 32035 T
		List Each	$ .95	$ 1.05	$ 1.45	$ 1.05	$ 1.20	$ 1.55	$ 1.30	$ 1.40	$ 1.85
	1-8 Female	Cat. No.	G 1516 T	G 11016 T	G 12016 T	G 2526 T	G 21026 T	G 22026 T	G 3536 T	G 31036 T	G 32036 T
		List Each	$ .95	$ 1.05	$ 1.45	$ 1.05	$ 1.20	$ 1.55	$ 1.30	$ 1.40	$ 1.85
	3-8 Male	Cat. No.	G 1517 T	G 11017 T	G 12017 T	G 2527 T	G 21027 T	G 22027 T	G 3537 T	G 31037 T	G 32037 T
		List Each	$ 1.00	$ 1.10	$ 1.50	$ 1.10	$ 1.25	$ 1.60	$ 1.35	$ 1.45	$ 1.90
	3-8 Female	Cat. No.	G 1518 T	G 11018 T	G 12018 T	G 2528 T	G 21028 T	G 22028 T	G 3538 T	G 31038 T	G 32038 T
		List Each	$ 1.00	$ 1.10	$ 1.50	$ 1.10	$ 1.25	$ 1.60	$ 1.35	$ 1.45	$ 1.90
PORCELAIN NIPPLE	1-8 Male	Cat. No.	G 1519 T	G 11019 T	G 12019 T	G 2529 T	G 21029 T	G 22029 T	G 3539 T	G 31039 T	G 32039 T
		List Each	$ 1.00	$ 1.10	$ 1.53	$ 1.10	$ 1.25	$ 1.63	$ 1.35	$ 1.45	$ 1.93
	1-8 Female	Cat. No.	G 15110 T	G 110110T	G 120110T	G 25210 T	G 210210T	G 220210T	G 35310 T	G 310310T	G 320310T
		List Each	$ 1.00	$ 1.10	$ 1.53	$ 1.10	$ 1.25	$ 1.63	$ 1.35	$ 1.45	$ 1.93
	3-8 Male	Cat. No.	G 15111 T	G 110111T	G 120111T	G 25211 T	G 210211T	G 220211T	G 35311 T	G 310311T	G 320311T
		List Each	$ 1.10	$ 1.20	$ 1.63	$ 1.20	$ 1.35	$ 1.73	$ 1.45	$ 1.55	$ 2.03
	3-8 Female	Cat. No.	G 15112 T	G 110112T	G 120112T	G 25212 T	G 210212T	G 220212T	G 35312 T	G 310312T	G 320312T
		List Each	$ 1.10	$ 1.20	$ 1.63	$ 1.20	$ 1.35	$ 1.73	$ 1.45	$ 1.55	$ 2.03
Blank Metal		Cat. No.	G 15100 T	G 110100T	G 120100T	G 25200 T	G 210200T	G 220200T	G 35300 T	G 310300T	G 320300T
		List Each	$ .83	$ .93	$ 1.33	$ .93	$ 1.08	$ 1.43	$ 1.18	$ 1.28	$ 1.73

Type "GT" Condulet Castings, With Swivel and Cover Screws, but Without Covers

SIZE OF CONDULET	For ½ inch Conduit			For ¾ inch Conduit			For 1 inch Conduit		
	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.
Catalogue Number..	G 151 T	G 1101 T	G 1201 T	G 252 T	G 2102 T	G 2202 T	G 353 T	G 3103 T	G 3203 T
Std. Pkg. not as'td...	100	100	50	50	50	50	25	25	25
Unit. Pkg. not as'td..	10	10	5	5	5	5	5	5	5
List Price Each.....	$ .75	$ .85	$ 1.10	$ .85	$ 1.00	$ 1.20	$ 1.10	$ 1.20	$ 1.50

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ or 1-inch types "G," "GL," "GT," "GX," "H" and "HA" Condulets, with covers, aggregating a total number of 400, 300 and 100, respectively, entitles purchaser to the Standard Package discount.

Types "G," "GL," "GT," "GX," "H" and "HA" Condulets, without covers, cannot be assorted with types "G," "GL," "GT," "GX," "H" and "HA" Condulets, with covers, to make up a Standard Package

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

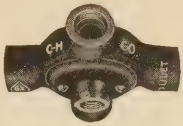
Covers of all Condulets of the same size are interchangeable.

TYPE "GX" CONDULETS—Tapped for Rigid Conduit

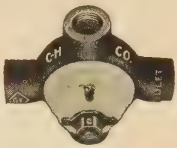
WITH PORCELAIN AND METAL COVERS

G 1511 X

G 1515 X



G 1518 X



G 15110 X

Type "GX" Condulets Complete With Covers Attached

STYLE OF COVER		SIZE OF CONDULET	For ½ inch Conduit			For ¾ inch Conduit			For 1 inch Conduit		
			5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.
		Std. Pk. As'td*	100	100	50	50	50	50	25	25	25
		Unit Package	10	10	5	5	5	5	5	5	5
Porcelain 1 Wire Hole		Cat. No.	G 1511 X	G 11011 X	G 12011 X	G 2521 X	G 21021 X	G 22021 X	G 3531 X	G 31031 X	G 32031 X
		List Each	$ 1.00	$ 1.10	$ 1.50	$ 1.10	$ 1.25	$ 1.65	$ 1.45	$ 1.55	$ 2.05
METAL NIPPLE	1-8 Male	Cat. No.	G 1515 X	G 11015 X	G 12015 X	G 2525 X	G 21025 X	G 22025 X	G 3535 X	G 31035 X	G 32035 X
		List Each	$ 1.10	$ 1.20	$ 1.60	$ 1.20	$ 1.35	$ 1.75	$ 1.55	$ 1.65	$ 2.15
	1-8 Female	Cat. No.	G 1516 X	G 11016 X	G 12016 X	G 2526 X	G 21026 X	G 22026 X	G 3536 X	G 31036 X	G 32036 X
		List Each	$ 1.10	$ 1.20	$ 1.60	$ 1.20	$ 1.35	$ 1.75	$ 1.55	$ 1.65	$ 2.15
	3-8 Male	Cat. No.	G 1517 X	G 11017 X	G 12017 X	G 2527 X	G 21027 X	G 22027 X	G 3537 X	G 31037 X	G 32037 X
		List Each	$ 1.15	$ 1.25	$ 1.65	$ 1.25	$ 1.40	$ 1.80	$ 1.60	$ 1.70	$ 2.20
	3-8 Female	Cat. No.	G 1518 X	G 11018 X	G 12018 X	G 2528 X	G 21028 X	G 22028 X	G 3538 X	G 31038 X	G 32038 X
		List Each	$ 1.15	$ 1.25	$ 1.65	$ 1.25	$ 1.40	$ 1.80	$ 1.60	$ 1.70	$ 2.20
PORCELAIN NIPPLE	1-8 Male	Cat. No.	G 1519 X	G 11019 X	G 12019 X	G 2529 X	G 21029 X	G 22029 X	G 3539 X	G 31039 X	G 32039 X
		List Each	$ 1.15	$ 1.25	$ 1.68	$ 1.25	$ 1.40	$ 1.83	$ 1.60	$ 1.70	$ 2.23
	1-8 Female	Cat. No.	G 15110 X	G110110X	G120110X	G 25210 X	G210210X	G220210X	G 35310 X	G310310X	G320310X
		List Each	$ 1.15	$ 1.25	$ 1.68	$ 1.25	$ 1.40	$ 1.83	$ 1.60	$ 1.70	$ 2.23
	3-8 Male	Cat. No.	G 15111 X	G110111X	G120111X	G 25211 X	G210211X	G220211X	G 35311 X	G310311X	G320311X
		List Each	$ 1.25	$ 1.35	$ 1.78	$ 1.35	$ 1.50	$ 1.93	$ 1.70	$ 1.80	$ 2.33
	3-8 Female	Cat. No.	G 15112 X	G110112X	G120112X	G 25212 X	G210212X	G220212X	G 35312 X	G310312X	G320312X
		List Each	$ 1.25	$ 1.35	$ 1.78	$ 1.35	$ 1.50	$ 1.93	$ 1.70	$ 1.80	$ 2.33
Blank Metal		Cat. No.	G 15100 X	G110100X	G120100X	G 25200 X	G210200X	G220200X	G 35300 X	G310300X	G320300X
		List Each	$ .98	$ 1.08	$ 1.48	$ 1.08	$ 1.23	$ 1.63	$ 1.43	$ 1.53	$ 2.03

Type "GX" Condulet Castings, With Swivel and Cover Screws, but Without Covers

SIZE OF CONDULET	For ½ inch Conduit			For ¾ inch Conduit			For 1 inch Conduit		
	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.
Catalogue Number	G 151 X	G 1101 X	G 1201 X	G 252 X	G 2102 X	G 2202 X	G 353 X	G 3103 X	G 3203 X
Std. Pkg. not as'td.	100	100	50	50	50	50	25	25	25
Unit Pkg. not as'td.	10	10	5	5	5	5	5	5	5
List Price Each	$ .90	$ 1.00	$ 1.25	$ 1.00	$ 1.15	$ 1.40	$ 1.35	$ 1.45	$ 1.80

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ or 1-inch types "G," "GL," "GT," "GX," "H" and "HA" Condulets, with covers, aggregating a total number of 400, 300 and 100, respectively, entitles purchaser to the Standard Package discount.

Types "G," "GL," "GT," "GX," "H" and "HA" Condulets, without covers, cannot be assorted with types "G," "GL," "GT," "GX," "H" and "HA" Condulets, with covers, to make up a Standard Package.

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets of the same size are interchangeable.

TYPE "H" CONDULETS—Tapped for Rigid Conduit

WITH PORCELAIN AND METAL COVERS

H 158

H 159

H 1500

H 1512

Type "H" Condulets Complete With Covers Attached

STYLE OF COVER		SIZE OF CONDULET	For ½ inch Conduit			For ¾ inch Conduit			For 1 inch Conduit		
			5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.
		Std. Pk. As'td*	150	150	75	75	75	50	25	25	25
		Unit Package	10	10	5	5	5	5	5	5	5
Porcelain 1 Wire Hole		Cat. No.	H 151	H 1101	H 1201	H 251	H 2101	H 2201	H 351	H 3101	H 3201
		List Each	$ .55	$ .65	$ 1.05	$ .65	$ .80	$ 1.10	$ .90	$ 1.00	$ 1.35
METAL NIPPLE	1-8 Male	Cat. No.	H 155	H 1105	H 1205	H 255	H 2105	H 2205	H 355	H 3105	H 3205
		List Each	$ .65	$ .75	$ 1.15	$ .75	$ .90	$ 1.20	$ 1.00	$ 1.10	$ 1.45
	1-8 Female	Cat. No.	H 156	H 1106	H 1206	H 256	H 2106	H 2206	H 356	H 3106	H 3206
		List Each	$ .65	$ .75	$ 1.15	$ .75	$ .90	$ 1.20	$ 1.00	$ 1.10	$ 1.45
	3-8 Male	Cat. No.	H 157	H 1107	H 1207	H 257	H 2107	H 2207	H 357	H 3107	H 3207
		List Each	$ .70	$ .80	$ 1.20	$ .80	$ .95	$ 1.25	$ 1.05	$ 1.15	$ 1.50
	3-8 Female	Cat. No.	H 158	H 1108	H 1208	H 258	H 2108	H 2208	H 358	H 3108	H 3208
		List Each	$ .70	$ .80	$ 1.20	$ .80	$ .95	$ 1.25	$ 1.05	$ 1.15	$ 1.50
PORCELAIN NIPPLE	1-8 Male	Cat. No.	H 159	H 1109	H 1209	H 259	H 2109	H 2209	H 359	H 3109	H 3209
		List Each	$ .70	$ .80	$ 1.23	$ .80	$ .95	$ 1.28	$ 1.05	$ 1.15	$ 1.53
	1-8 Female	Cat. No.	H 1510	H 11010	H 12010	H 2510	H 21010	H 22010	H 3510	H 31010	H 32010
		List Each	$ .70	$ .80	$ 1.23	$ .80	$ .95	$ 1.28	$ 1.05	$ 1.15	$ 1.53
	3-8 Male	Cat. No.	H 1511	H 11011	H 12011	H 2511	H 21011	H 22011	H 3511	H 31011	H 32011
		List Each	$ .80	$ .90	$ 1.33	$ .90	$ 1.05	$ 1.38	$ 1.15	$ 1.25	$ 1.63
	3-8 Female	Cat. No.	H 1512	H 11012	H 12012	H 2512	H 21012	H 22012	H 3512	H 31012	H 32012
		List Each	$ .80	$ .90	$ 1.33	$ .90	$ 1.05	$ 1.38	$ 1.15	$ 1.25	$ 1.63
Blank Metal		Cat. No.	H 1500	H 11000	H 12000	H 2500	H 21000	H 22000	H 3500	H 31000	H 32000
		List Each	$ .53	$ .63	$ 1.03	$ .63	$ .78	$ 1.08	$ .88	$ .98	$ 1.33

Type "H" Condulet Castings, With Swivel and Cover Screws, but Without Covers

SIZE OF CONDULET	For ½ inch Conduit			For ¾ inch Conduit			For 1 inch Conduit		
	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.
Catalogue Number	H 15	H 110	H 120	H 25	H 210	H 220	H 35	H 310	H 320
Std. Pkg. not as'td.	150	150	75	75	75	50	25	25	25
Unit Pkg. not as'td.	10	10	5	5	5	5	5	5	5
List Price Each	$ .45	$ .55	$ .80	$ .55	$ .70	$ .85	$ .80	$ .90	$ 1.10

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ or 1-inch types "G," "GL," "GT," "GX," "H" and "HA" Condulets, with covers, aggregating a total number of 400, 300 and 100, respectively, entitles purchaser to the Standard Package discount.

Types "G," "GL," "GT," "GX," "H" and "HA" Condulets, without covers, cannot be assorted with types "G," "GL," "GT," "GX," "H" and "HA" Condulets, with covers, to make up a Standard Package.

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets of the same size are interchangeable.

TYPE "HA" CONDULETS—Tapped for Rigid Conduit

WITH PORCELAIN AND METAL COVERS

H 151 A

H 157 A

H 1510 A

H 1512 A

Type "HA" Condulets Complete With Covers Attached

STYLE OF COVER		SIZE OF CONDULET	For ½ inch Conduit			For ¾ inch Conduit			For 1 inch Conduit		
			5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.
		Std. Pk. As'td*	100	100	50	50	50	50	25	25	25
		Unit Package	5	5	5	5	5	5	5	5	5
Porcelain 1 Wire Hole		Cat. No.	H 151 A	H 1101 A	H 1201 A	H 251 A	H 2101 A	H 2201 A	H 351 A	H 3101 A	H 3201 A
		List Each	$ .60	$ .70	$ 1.10	$ .70	$ .85	$ 1.15	$ .95	$ 1.05	$ 1.45
METAL NIPPLE	1-8 Male	Cat. No.	H 155 A	H 1105 A	H 1205 A	H 255 A	H 2105 A	H 2205 A	H 355 A	H 3105 A	H 3205 A
		List Each	$ .70	$ .80	$ 1.20	$ .80	$ .95	$ 1.25	$ 1.05	$ 1.15	$ 1.55
	1-8 Female	Cat. No.	H 156 A	H 1106 A	H 1206 A	H 256 A	H 2106 A	H 2206 A	H 356 A	H 3106 A	H 3206 A
		List Each	$ .70	$ .80	$ 1.20	$ .80	$ .95	$ 1.25	$ 1.05	$ 1.15	$ 1.55
	3-8 Male	Cat. No.	H 157 A	H 1107 A	H 1207 A	H 257 A	H 2107 A	H 2207 A	H 357 A	H 3107 A	H 3207 A
		List Each	$ .75	$ .85	$ 1.25	$ .85	$ 1.00	$ 1.30	$ 1.10	$ 1.20	$ 1.60
	3-8 Female	Cat. No.	H 158 A	H 1108 A	H 1208 A	H 258 A	H 2108 A	H 2208 A	H 358 A	H 3108 A	H 3208 A
		List Each	$ .75	$ .85	$ 1.25	$ .85	$ 1.00	$ 1.30	$ 1.10	$ 1.20	$ 1.60
PORCELAIN NIPPLE	1-8 Male	Cat. No.	H 159 A	H 1109 A	H 1209 A	H 259 A	H 2109 A	H 2209 A	H 359 A	H 3109 A	H 3209 A
		List Each	$ .75	$ .85	$ 1.28	$ .85	$ 1.00	$ 1.33	$ 1.10	$ 1.20	$ 1.63
	1-8 Female	Cat. No.	H 1510 A	H 11010 A	H 12010 A	H 2510 A	H 21010 A	H 22010 A	H 3510 A	H 31010 A	H 32010 A
		List Each	$ .75	$ .85	$ 1.28	$ .85	$ 1.00	$ 1.33	$ 1.10	$ 1.20	$ 1.63
	3-8 Male	Cat. No.	H 1511 A	H 11011 A	H 12011 A	H 2511 A	H 21011 A	H 22011 A	H 3511 A	H 31011 A	H 32011 A
		List Each	$ .85	$ .95	$ 1.38	$ .95	$ 1.10	$ 1.43	$ 1.20	$ 1.30	$ 1.73
	3-8 Female	Cat. No.	H 1512 A	H 11012 A	H 12012 A	H 2512 A	H 21012 A	H 22012 A	H 3512 A	H 31012 A	H 32012 A
		List Each	$ .85	$ .95	$ 1.38	$ .95	$ 1.10	$ 1.43	$ 1.20	$ 1.30	$ 1.73
Blank Metal		Cat. No.	H 1500 A	H 11000 A	H 12000 A	H 2500 A	H 21000 A	H 22000 A	H 3500 A	H 31000 A	H 32000 A
		List Each	$ .58	$ .68	$ 1.08	$ .68	$ .83	$ 1.13	$ .93	$ 1.03	$ 1.43

Type "HA" Condulet Castings, With Swivel and Cover Screws, but Without Covers

SIZE OF CONDULET	For ½ inch Conduit			For ¾ inch Conduit			For 1 inch Conduit		
	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.	5 Amp.	10 Amp.	20 Amp.
Catalogue Number	H 15 A	H 110 A	H 120 A	H 25 A	H 210 A	H 220 A	H 35 A	H 310 A	H 320 A
Std. Pkg. not as'td.	100	100	50	50	50	50	25	25	25
Unit Pkg. not as'td.	5	5	5	5	5	5	5	5	5
List Price Each	$ .50	$ .60	$ .85	$ .60	$ .75	$ .90	$ .85	$ .95	$ 1.20

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ or 1-inch types "G," "GL," "GT," "GX," "H" and "HA" Condulets, with covers, aggregating a total number of 400, 300 and 100, respectively, entitles purchaser to the Standard Package discount.

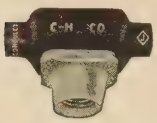
Types "G," "GL," "GT," "GX," "H" and "HA" Condulets, without covers, cannot be assorted with types "G," "GL," "GT," "GX," "H" and "HA" Condulets, with covers, to make up a Standard Package.

*All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.

Covers of all Condulets of the same size are interchangeable.

TYPES "J," "JL," "JA" & "JB" CONDULETS

Type "J" Condulets

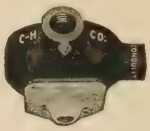


J 11227

J 115

Type "JL" Condulets

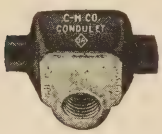
J 11227 L



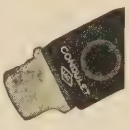
J 11338 L

SIZE CONDUIT	½ inch	¾ inch	1 inch	Condulets with Porcelain Fittings and Castings Only	SIZE CONDUIT	½ inch	¾ inch	1 inch
Std. Pkg. As'td*	200	100	50		Std. Pkg. As'td*	100	75	50
Unit Pk. not As'td	5	5	5		Unit Pk. not As'td	5	5	5
Cat. No. List Each	J 11227 G $ 1.05	J 22227 G $ 1.20	J 33227 G $ 1.50	Norbitt Recept. with Shade Holder Groove	Cat. No. List Each	J 11227 LG $ 1.30	J 22227 LG $ 1.40	J 33227 LG $ 1.50
Cat. No. List Each	J 11227 $ 1.00	J 22227 $ 1.15	J 33227 $ 1.45	Norbitt Recept. without Shade Holder Groove	Cat. No. List Each	J 11227 L $ 1.25	J 22227 L $ 1.35	J 33227 L $ 1.45
Cat. No. List Each	J 11332 $ .90	J 22332 $ 1.05	J 33332 $ 1.35	Norbitt Cord Rosette	Cat. No. List Each	J 11332 L $ 1.15	J 22332 L $ 1.25	J 33332 L $ 1.35
Cat. No. List Each	J 11338 $ .95	J 22338 $ 1.10	J 33338 $ 1.40	Norbitt Fixture Rosette	Cat. No. List Each	J 11338 L $ 1.20	J 22338 L $ 1.30	J 33338 L $ 1.40
Cat. No. List Each	J 115 $ 1.10	J 225 $ 1.25	J 335 $ 1.55	Hubbell Attachment Plug Receptacle	Cat. No. List Each	J 115 L $ 1.35	J 225 L $ 1.45	J 335 L $ 1.55
Cat. No. List Each	J 11 $ .60	J 22 $ .75	J 33 $ 1.05	Castings only	Cat. No. List Each	J 11 L $ .85	J 22 L $ .95	J 33 L $ 1.05

Type "JA" Condulets—Angular Fitting



J 11227 A



J 11227 A (SIDE VIEW)

Type "JB" Condulets—Angular Fitting

J 11227 B

J 11227 B (SIDE VIEW)

SIZE CONDUIT	½ inch	¾ inch	1 inch	Condulets with Porcelain Fittings and Castings Only	SIZE CONDUIT	½ inch	¾ inch	1 inch
Std. Pkg. As'td*	100	75	50		Std. Pkg. As'td*	100	75	50
Unit Pk. not As'td	5	5	5		Unit Pk. not As'td	5	5	5
Cat. No. List Each	J 11227 AG $ 1.15	J 22227 AG $ 1.30	J 33227 AG $ 1.60	Norbitt Recept. with Shade Holder Groove	Cat. No. List Each	J 11227 BG $ 1.15	J 22227 BG $ 1.30	J 33227 BG $ 1.60
Cat. No. List Each	J 11227 A $ 1.10	J 22227 A $ 1.25	J 33227 A $ 1.55	Norbitt Recept. without Shade Holder Groove	Cat. No. List Each	J 11227 B $ 1.10	J 22227 B $ 1.25	J 33227 B $ 1.55
Cat. No. List Each	J 11338 A $ 1.05	J 22338 A $ 1.20	J 33338 A $ 1.50	Norbitt Fixture Rosette	Cat. No. List Each	J 11338 B $ 1.05	J 22338 B $ 1.20	J 33338 B $ 1.50
Cat. No. List Each	J 115 A $ 1.20	J 225 A $ 1.35	J 335 A $ 1.65	Hubbell Attachment Plug Receptacle	Cat. No. List Each	J 115 B $ 1.20	J 225 B $ 1.35	J 335 B $ 1.65
Cat. No. List Each	J 11 A $ .70	J 22 A $ .85	J 33 A $ 1.15	Castings only	Cat. No. List Each	J 11 B $ .70	J 22 B $ .85	J 33 B $ 1.15

SPECIAL STANDARD PACKAGE ASSORTMENT

*Condulets of the same type and size with Norbitt Cord Rosettes, Norbitt Fixture Rosettes and Hubbell Attachment Plug Receptacles, may be assorted to make up Standard Package quantities.

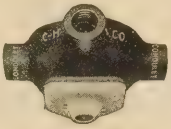
Any assortment of ½, ¾ or 1-inch types "J," "JA," "JB," "JL," "JT," "JX," "K," "KA," "KB," "KC" and "KD" Condulets, with Porcelain Fittings, aggregating a total number of 400, 300 and 100, respectively, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortments of castings only.

Hubbell two-point Knife Blade Caps, Plugs and Attachments will fit our Hubbell Attachment Plug Receptacles. **Prices do not include and we do not furnish Hubbell Knife Blade Caps, Plugs and Attachments.**

TYPES "JT," "JX," "KA" & "KB" CONDULETS

Type "JT" Condulets

J 111227 T



J 111338 T

Type "JX" Condulets

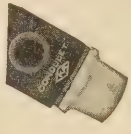
J 1111227 X

J 1111332 X

SIZE CONDUIT	½ inch	¾ inch	1 inch	Condulets with Porcelain Fittings and Castings Only	SIZE CONDUIT	½ inch	¾ inch	1 inch
Std. Pkg. As'td*	100	75	50		Std. Pkg. As'td*	100	75	50
Unit Pk. not As'td	5	5	5		Unit Pk. not As'td	5	5	5
Cat. No.	J 111227 TG	J 222227 TG	J 333227 TG	Norbitt Recept. with Shade Holder Groove	Cat. No.	J1111227XG	J2222227XG	J3333227XG
List Each	$ 1.40	$ 1.50	$ 1.60		List Each	$ 1.50	$ 1.60	$ 1.75
Cat. No.	J 111227 T	J 222227 T	J 333227 T	Norbitt Recept. without Shade Holder Groove	Cat. No.	J 1111227 X	J 2222227 X	J 3333227 X
List Each	$ 1.35	$ 1.45	$ 1.55		List Each	$ 1.45	$ 1.55	$ 1.70
Cat. No.	J 111332 T	J 222332 T	J 333332 T	Norbitt Cord Rosette	Cat. No.	J 1111332 X	J 2222332 X	J 3333332 X
List Each	$ 1.25	$ 1.35	$ 1.45		List Each	$ 1.35	$ 1.45	$ 1.60
Cat. No.	J 111338 T	J 222338 T	J 333338 T	Norbitt Fixture Rosette	Cat. No.	J 1111338 X	J 2222338 X	J 3333338 X
List Each	$ 1.30	$ 1.40	$ 1.50		List Each	$ 1.40	$ 1.50	$ 1.65
Cat. No.	J 1115 T	J 2225 T	J 3335 T	Hubbell Attachment Plug Receptacle	Cat. No.	J 11115 X	J 22225 X	J 33335 X
List Each	$ 1.45	$ 1.55	$ 1.65		List Each	$ 1.55	$ 1.65	$ 1.80
Cat. No.	J 111 T	J 222 T	J 333 T	Castings only	Cat. No.	J 1111 X	J 2222 X	J 3333 X
List Each	$ .95	$ 1.05	$ 1.15		List Each	$ 1.05	$ 1.15	$ 1.30

Type "KA" Condulets—Angular Fitting

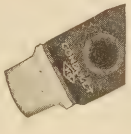
K 1227 A



K 1227 A (SIDE VIEW)

Type "KB" Condulets—Angular Fitting

K 1227 B



K 1227 B (SIDE VIEW)

SIZE CONDUIT	½ inch	¾ inch	1 inch	Condulets with Porcelain Fittings and Castings Only	SIZE CONDUIT	½ inch	¾ inch	1 inch
Std. Pkg. As'td*	100	75	50		Std. Pkg. As'td*	100	75	50
Unit Pk. not As'td	5	5	5		Unit Pk. not As'td	5	5	5
Cat. No.	K 1227 AG	K 2227 AG	K 3227 AG	Norbitt Recept. with Shade Holder Groove	Cat. No.	K 1227 BG	K 2227 BG	K 3227 BG
List Each	$ 1.05	$ 1.20	$ 1.50		List Each	$ 1.05	$ 1.20	$ 1.50
Cat. No.	K 1227 A	K 2227 A	K 3227 A	Norbitt Recept. without Shade Holder Groove	Cat. No.	K 1227 B	K 2227 B	K 3227 B
List Each	$ 1.00	$ 1.15	$ 1.45		List Each	$ 1.00	$ 1.15	$ 1.45
Cat. No.	K 1338 A	K 2338 A	K 3338 A	Norbitt Fixture Rosette	Cat. No.	K 1338 B	K 2338 B	K 3338 B
List Each	$ .95	$ 1.10	$ 1.40		List Each	$ .95	$ 1.10	$ 1.40
Cat. No.	K 15 A	K 25 A	K 35 A	Hubbell Attachment Plug Receptacle	Cat. No.	K 15 B	K 25 B	K 35 B
List Each	$ 1.10	$ 1.25	$ 1.55		List Each	$ 1.10	$ 1.25	$ 1.55
Cat. No.	K 1 A	K 2 A	K 3 A	Castings only	Cat. No.	K 1 B	K 2 B	K 3 B
List Each	$ .60	$ .75	$ 1.05		List Each	$ .60	$ .75	$ 1.05

SPECIAL STANDARD PACKAGE ASSORTMENT

*Condulets of the same type and size with Norbitt Cord Rosettes, Norbitt Fixture Rosettes and Hubbell Attachment Plug Receptacles, may be assorted to make up Standard Package quantities.

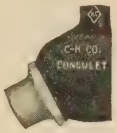
Any assortment of ½, ¾ or 1-inch types "J," "JA," "JB," "JL," "JT," "JX," "K," "KA," "KB," "KC" and "KD" Condulets, with Porcelain Fittings, aggregating a total number of 400, 300 and 100, respectively, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortments of castings only.

Hubbell two-point Knife Blade Caps, Plugs and Attachments will fit our Hubbell Attachment Plug Receptacles. **Prices do not include and we do not furnish Hubbell Knife Blade Caps, Plugs and Attachments.**

TYPES "KC," "KD," "K" AND PORCELAIN FITTINGS

Type "KC" Condulets—Angular Fitting

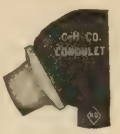
K 1227 C



K 1227 C (SIDE VIEW)

Type "KD" Condulets—Angular Fitting

K 1227 D



K 1227 D (SIDE VIEW)

SIZE CONDUIT	½ inch	¾ inch	1 inch	Condulets with Porcelain Fittings and Castings Only	SIZE CONDUIT	½ inch	¾ inch	1 inch
Std. Pkg. As'td*	100	75	50		Std. Pkg. As'td*	100	75	50
Unit Pk. not As'td	5	5	5		Unit Pk. not As'td	5	5	5
Cat. No.	K 1227 CG	K 2227 CG	K 3227 CG	Norbitt Recept. with Shade Holder Groove	Cat. No.	K 1227 DG	K 2227 DG	K 3227 DG
List Each	$ 1.05	$ 1.20	$ 1.50		List Each	$ 1.05	$ 1.20	$ 1.50
Cat. No.	K 1227 C	K 2227 C	K 3227 C	Norbitt Recept. without Shade Holder Groove	Cat. No.	K 1227 D	K 2227 D	K 3227 D
List Each	$ 1.00	$ 1.15	$ 1.45		List Each	$ 1.00	$ 1.15	$ 1.45
Cat. No.	K 1338 C	K 2338 C	K 3338 C	Norbitt Fixture Rosette	Cat. No.	K 1338 D	K 2338 D	K 3338 D
List Each	$ .95	$ 1.10	$ 1.40		List Each	$ .95	$ 1.10	$ 1.40
Cat. No.	K 15 C	K 25 C	K 35 C	Hubbell Attachment Plug Receptacle	Cat. No.	K 15 D	K 25 D	K 35 D
List Each	$ 1.10	$ 1.25	$ 1.55		List Each	$ 1.10	$ 1.25	$ 1.55
Cat. No.	K 1 C	K 2 C	K 3 C	Castings only	Cat. No.	K 1 D	K 2 D	K 3 D
List Each	$ .60	$ .75	$ 1.05		List Each	$ .60	$ .75	$ 1.05

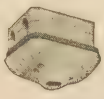
Type "K" Condulets

K 1227

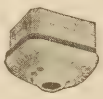
K 15

Porcelain Fittings For "J," "JA," "JB," "JL," "JT," "JX," "K," "KA," "KB," "KC" and "KD" Condulets

CC 227



CC 332



CC 338

CC 5

Condulets with Porcelain Fittings and Castings Only	½ inch	¾ inch	1 inch	SIZE CONDUIT	Complete Fitting	Cap Only (With Gasket)	Base Only	Porcelain Fittings For ½, ¾ and 1 inch Condulets
	100	75	50	Std. Pkg. As'td*	200	200	200	
	5	5	5	Unit Pk. not As'td	10	10	10	
Norbitt Recept. with Shade Holder Groove	K 1227 G	K 2227 G	K 3227 G	Cat. No.	CC 227 G	CC 227 XG	CC 227 ZG	Norbitt Recept. with Shade Holder Groove
	$ .95	$ 1.10	$ 1.40	List Each	$ .45	$ .35	$ .10	
Norbitt Recept. without Shade Holder Groove	K 1227	K 2227	K 3227	Cat. No.	CC 227	CC 227 X	CC 227 Z	Norbitt Recept. without Shade Holder Groove
	$ .90	$ 1.05	$ 1.35	List Each	$ .40	$ .30	$ .10	
Norbitt Cord Rosette	K 1332	K 2332	K 3332	Cat. No.	CC 332	CC 332 X	CC 332 Z	Norbitt Cord Rosette
	$ .80	$ .95	$ 1.25	List Each	$ .30	$ .20	$ .10	
Norbitt Fixture Rosette	K 1338	K 2338	K 3338	Cat. No.	CC 338	CC 338 X	CC 338 Z	Norbitt Fixture Rosette
	$ .85	$ 1.00	$ 1.30	List Each	$ .35	$ .25	$ .10	
Hubbell Attachment Plug Receptacle	K 15	K 25	K 35	Cat. No.	CC 5	CC 5 X	CC 5 Z	Hubbell Attachment Plug Receptacle
	$ 1.00	$ 1.15	$ 1.45	List Each	$ .50	$ .25	$ .25	
Castings only	K 1	K 2	K 3	Cat. No.	Norbitt Receptacle, Norbitt Cord Rosette, Norbitt Fixture Rosette and Hubbell Attachment Plug Receptacle are interchangeable.			
	$ .50	$ .65	$ .95	List Each				

SPECIAL STANDARD PACKAGE ASSORTMENT

*Condulets of the same type and size with Norbitt Cord Rosettes, Norbitt Fixture Rosettes and Hubbell Attachment Plug Receptacles, may be assorted to make up Standard Package quantities.

*Norbitt Cord Rosette, Norbitt Fixture Rosette and Hubbell Attachment Plug Receptacle, without castings may be assorted to make up Standard Package quantities.

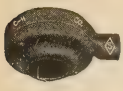
Any assortment of ½, ¾ or 1-inch types "J," "JA," "JB," "JL," "JT," "JX," "K," "KA," "KB," "KC" and "KD" Condulets, with Porcelain Fittings, aggregating a total number of 400, 300 and 100, respectively, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortments of castings only.

Any assortment of Porcelain Fittings only, aggregating a total number of 400, entitles purchaser to the Standard Package discount.

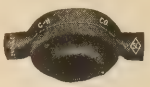
Hubbell two-point Knife Blade Caps, Plugs and Attachments will fit our Hubbell Attachment Plug Receptacles. **Prices do not include and we do not furnish Hubbell Knife Blade Caps, Plugs and Attachments.**

TYPES "S," "SC," "SL," "ST" & "SX" CONDULETS

For Pony Receptacles—Bryant—28795, 50715. G. E. Co.—11221, 28795, 50715. Paiste—28795, 50715



Type "S"



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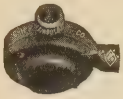

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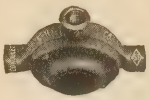


Type "ST

Type "SX"

Types "S," "SC," "SL," "ST" and "SX" Condulets, Complete With Covers Attached

SIZE OF CONDUIT	Type of Condulet	Type "S"	Type "SC"	Type "SL"	Type "ST"	Type "SX"
½ inch	Catalogue Number	S 100	S 1100 C	S 1100 L	S 11100 T	S 111100 X
	Std. Pkg. not assorted	100	200	100	100	100
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .82	$ .92	$ .92	$ 1.02	$ 1.12
¾ inch	Catalogue Number	S 200	S 2200 C	S 2200 L	S 22200 T	S 222200 X
	Std. Pkg. not assorted	75	100	75	75	75
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .87	$ .97	$ .97	$ 1.12	$ 1.22
1 inch	Catalogue Number	S 300	S 3300 C	S 3300 L	S 33300 T	S 333300 X
	Std. Pkg. not assorted	50	50	50	50	50
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ 1.02	$ 1.17	$ 1.17	$ 1.32	$ 1.47

Types "S," "SC," "SL," "ST" and "SX" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	TYPE OF CONDULET	Type "S"	Type "SC"	Type "SL"	Type "ST"	Type "SX"
½ inch	Catalogue Number	S 1	S 11 C	S 11 L	S 111 T	S 1111 X
	Std. Pkg. not assorted	100	200	100	100	100
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .70	$ .80	$ .80	$ .90	$ 1.00
¾ inch	Catalogue Number	S 2	S 22 C	S 22 L	S 222 T	S 2222 X
	Std. Pkg. not assorted	75	100	75	75	75
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .75	$ .85	$ .85	$ 1.00	$ 1.10
1 inch	Catalogue Number	S 3	S 33 C	S 33 L	S 333 T	S 3333 X
	Std. Pkg. not assorted	50	50	50	50	50
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .90	$ 1.05	$ .105	$ 1.20	$ 1.35

Type "S" With Pony Receptacle

Pony Receptacle Condulet Cover

Catalogue Number	00
Standard Package	200
Unit Package	10
List Price Each	$ .12

Type "SC" With Pony Receptacle

The Pony Receptacle Condulet Cover is made in one size only, and it fits ½, ¾ and 1-inch types "S," "SC," "SL," "ST" and "SX" Condulets.

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ or 1-inch types "S," "SC," "SL," "ST" and "SX" Condulets, with Pony Receptacle Covers, aggregating a total number of 400, 300 and 100, respectively, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of castings only.

Prices do not include and we do not furnish Pony Receptacles.

TYPES "N," "NC," "NL," "NT" & "NX" CONDULETS

FOR STUCCO WORK, USING FLUSH POCKET RECEPTACLES

For Flush Pocket Receptacles—Bryant—9514. G.E.Co.—9514. Marshall—9514. Paiste—9514

Type "N"

Type "NC"

Type "NL"

Type "NT"

Type "NX"

Types "N," "NC," "NL," "NT" and "NX" Condulets, Complete With Telescope Covers Attached

SIZE OF CONDUIT	Type of Condulet	Type "N"	Type "NC"	Type "NL"	Type "NT"	Type "NX"
½ inch	Catalogue Number	N 1000	N 11000 C	N 11000 L	N 111000 T	N 1111000 X
	Std. Pkg. not assorted	100	200	100	100	100
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .90	$ .95	$ .95	$ 1.05	$ 1.15
¾ inch	Catalogue Number	N 2000	N 22000 C	N 22000 L	N 222000 T	N 2222000 X
	Std. Pkg. not assorted	75	100	75	75	75
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .95	$ 1.05	$ 1.05	$ 1.15	$ 1.25
1 inch	Catalogue Number	N 3000	N 33000 C	N 33000 L	N 333000 T	N 3333000 X
	Std. Pkg. not assorted	50	50	50	50	50
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ 1.05	$ 1.15	$ 1.15	$ 1.35	$ 1.50

Types "N," "NC," "NL," "NT" and "NX" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	TYPE OF CONDULET	Type "N"	Type "NC"	Type "NL"	Type "NT"	Type "NX"
½ inch	Catalogue Number	N 1	N 11 C	N 11 L	N 111 T	N 1111 X
	Std. Pkg. not assorted	100	200	100	100	100
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .55	$ .60	$ .60	$ .70	$ .80
¾ inch	Catalogue Number	N 2	N 22 C	N 22 L	N 222 T	N 2222 X
	Std. Pkg. not assorted	75	100	75	75	75
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .60	$ .70	$ .70	$ .80	$ .90
1 inch	Catalogue Number	N 3	N 33 C	N 33 L	N 333 T	N 3333 X
	Std. Pkg. not assorted	50	50	50	50	50
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .70	$ .80	$ .80	$ 1.00	$ 1.15

Type "N"
With Flush Pocket Receptacle for Stucco Work

Stucco Condulet Telescope Cover
For ½, ¾ and 1 inch Condulets

Catalogue Number	000
Standard Package	200
Unit Package	10
List Price Each	$ .35

Illustration Giving Principal Dimensions of Condulets listed above. A—2 1-16, 2 3-8 or 2 11-16 ins.

The Stucco Condulet Telescope cover is made in Telescope form to allow of an adjustment sufficient to take care of any reasonable variation in the thickness of plaster work.

Dimension "A" in cut above shows that there are three adjustments possible, as follows: 2 1-16 inches, 2 3-8 inches or 2 11-16 inches.

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ and 1-inch Condulets, listed above, with Stucco Condulet Telescope covers, aggregating a total number of 400, 300 or 100 respectively, entitles purchaser to Standard Package discount. Standard Package discount is allowed on the same assortments of castings only.

Prices do not include and we do not furnish Flush Pocket Receptacles.

TYPES "W," "WC," "WL," "WT" & "WX" CONDULETS

FOR HUBBELL ATTACHMENT PLUG—New Type 5469

Type "W"

Type "WC"

Type "WL"

Type "WT"

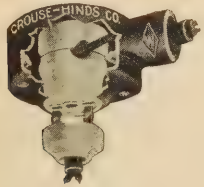
Type "WX"

Types "W," "WC," "WL," "WT" and "WX" Condulets, Complete With Covers Attached

SIZE OF CONDUIT	TYPE OF CONDULET	Type "W"	Type "WC"	Type "WL"	Type "WT"	Type "WX"
½ inch	Catalogue Number	W 10	W 110 C	W 110 L	W 1110 T	W 11110 X
	Std. Pkg. not assorted	100	100	100	100	100
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .60	$ .70	$ .70	$ .80	$ .90
¾ inch	Catalogue Number	W 20	W 220 C	W 220 L	W 2220 T	W 22220 X
	Std. Pkg. not assorted	75	75	75	75	75
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .70	$ .75	$ .75	$ .90	$ 1.00
1 inch	Catalogue Number	W 30	W 330 C	W 330 L	W 3330 T	W 33330 X
	Std. Pkg. not assorted	50	50	50	50	50
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .80	$ .90	$ .90	$ 1.10	$ 1.25

Types "W," "WC," "WL," "WT" and "WX" Condulet Castings, Without Covers, but With Cover Screws

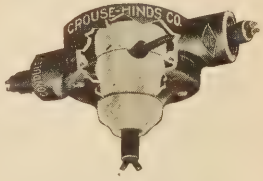
SIZE OF CONDUIT	TYPE OF CONDULET	Type "W"	Type "WC"	Type "WL"	Type "WT"	Type "WX"
½ inch	Catalogue Number	W 1	W 11 C	W 11 L	W 111 T	W 1111 X
	Std. Pkg. not assorted	100	100	100	100	100
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .50	$ .60	$ .60	$ 70	$ .80
¾ inch	Catalogue Number	W 2	W 22 C	W 22 L	W 222 T	W 2222 X
	Std. Pkg. not assorted	75	75	75	75	75
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .60	$ .65	$ .65	$ .80	$ .90
1 inch	Catalogue Number	W 3	W 33 C	W 33 L	W 333 T	W 3333 X
	Std. Pkg. not assorted	50	50	50	50	50
	Unit Pkg. not assorted	5	5	5	5	5
	List Price Each	$ .70	$ .80	$ .80	$ 1.00	$ 1.15



Type "W"
With Hubbell Attachment Plug

Hubbell Attachment Plug Condulet Cover

Catalogue Number	0
Standard Package	100
Unit Package	10
List Price Each	$ .10



Type "WC"
With Hubbell Attachment Plug

The Hubbell Attachment Plug Condulet Cover is made in one size only, and it fits ½, ¾ and 1-inch types "W," "WC," "WL," "WT" and "WX" Condulets.

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ or 1-inch types "W," "WC," "WL," "WT" and "WX" Condulets, with Hubbell Attachment Plug Condulet Covers, aggregating a total number of 250, 150 or 75, respectively, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of castings only.

Prices do not include and we do not furnish Hubbell Attachment Plugs.

TYPES "P," "PC," "PL," "PT," "PX" AND "PA" CONDULETS

For Electroliers and Combination Gas and Electric Fixtures

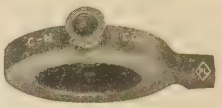
Condulets Without Fixture Stud or Insulating Ring, but With All Necessary Screws

Type "P" Condulet

SIZE OF CONDUIT	Type "P" Condulet	
½ inch	Catalogue No.	P 1
	Std. Pkg. not as'td	50
	Unit Pkg. not as'td	5
	List Price Each	$ 1.65
¾ inch	Catalogue No.	P 2
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 1.75
1 inch	Catalogue No.	P 3
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 1.85

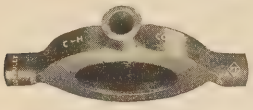
Type "PC" Condulet

SIZE OF CONDUIT	Type "PC" Condulet	
½ inch	Catalogue No.	P 11 C
	Std. Pkg. not as'td	50
	Unit Pkg. not as'td	5
	List Price Each	$ 1.80
¾ inch	Catalogue No.	P 22 C
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 1.90
1 inch	Catalogue No.	P 33 C
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.10



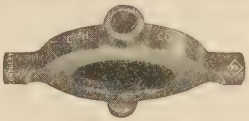
Type "PL" Condulet

SIZE OF CONDUIT	Type "PL" Condulet	
½ inch	Catalogue No.	P 11 L
	Std. Pkg. not as'td	50
	Unit Pkg. not as'td	5
	List Price Each	$ 1.80
¾ inch	Catalogue No.	P 22 L
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 1.90
1 inch	Catalogue No.	P 33 L
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.10



Type "PT" Condulet

SIZE OF CONDUIT	Type "PT" Condulet	
½ inch	Catalogue No.	P 111 T
	Std. Pkg. not as'td	50
	Unit Pkg. not as'td	5
	List Price Each	$ 2.00
¾ inch	Catalogue No.	P 222 T
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.10
1 inch	Catalogue No.	P 333 T
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.40



Type "PX" Condule

SIZE OF CONDUIT	Type "PX" Condulet	
½ inch	Catalogue No.	P 1111 X
	Std. Pkg. not as'td	50
	Unit Pkg. not as'td	5
	List Price Each	$ 2.15
¾ inch	Catalogue No.	P 2222 X
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.30
1 inch	Catalogue No.	P 3333 X
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.55

Type "PA" Condulet
(Conduit Enters Back)

SIZE OF CONDUIT	Type "PA" Condulet	
½ inch	Catalogue No.	P 1 A
	Std. Pkg. not as'td	50
	Unit Pkg. not as'td	5
	List Price Each	$ 1.65
¾ inch	Catalogue No.	P 2 A
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 1.75
1 inch	Catalogue No.	P 3 A
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 1.85

Gas Pipe Grounding Clamp (3-8 inch) for Condulets Listed Above

For Use With Combination Gas and Electric Fixtures

Cat. Number	Std. Pkg.	Unit Pkg.	List Each
P ⅜	100	10	$ .20

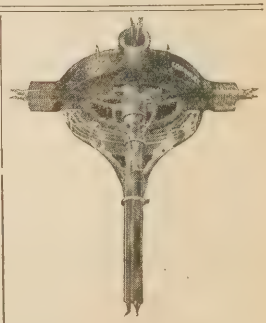
Type "P" Condulet
Arranged for Combination Fixture

Types "P," "PC," "PL," "PT," "PX" and "PA" Condulets are designed for the installation of Electroliers, Clusters and Combination Gas and Electric Fixtures, for exposed conduit wiring.

These Condulets are made of cast iron, insuring a more substantial installation than is possible when drawn metal boxes are used. Each Condulet is arranged to take standard canopies and standard canopy insulating rings from four to six inches in diameter. The fittings are shallow and therefore inconspicuous when installed.

Condulets as listed do not include Grounding Clamps, Fixture Studs, Insulating Joints, or Canopy Insulating Rings, but are properly arranged for use with same. When used with Combination Fixtures, Grounding Clamps are required to connect the Condulet with the gas pipe above the Insulating Joint.

The Grounding Clamp is listed above.



Type "PT" Condulet
Arranged for Electrolier

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ or 1-inch Condulets, listed above, aggregating a total number of 150, 75 and 75 respectively, entitles purchaser to the Standard Package discount.

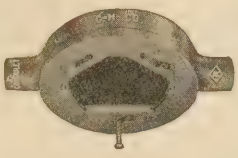
TYPES "R," "RC," "RL," "RT," "RX" AND "RA" CONDULETS

FOR ARC LAMP HANGER BOARDS

G. E. Co.—2046, 2865, 36850. Paiste—4071. Perkins—3226, 3269

Condulets Complete, Without Arc Lamp Hanger Boards

Type "R" Condulet



Type "RC" Condulet

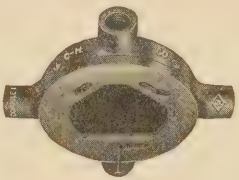
Type "RL" Condulet

SIZE OF CONDUIT	Type "R" Condulet	
½ inch	Catalogue No.	R 1
	Std. Pkg. not as'td	50
	Unit Pkg. not as'td	5
	List Price Each	$ 2.15
¾ inch	Catalogue No.	R 2
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.25
1 inch	Catalogue No.	R 3
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.45

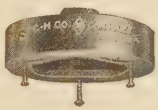
SIZE OF CONDUIT	Type "RC" Condulet	
½ inch	Catalogue No.	R 11 C
	Std. Pkg. not as'td	50
	Unit Pkg. not as'td	5
	List Price Each	$ 2.40
¾ inch	Catalogue No.	R 22 C
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.50
1 inch	Catalogue No.	R 33 C
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.75

SIZE OF CONDUIT	Type "RL" Condulet	
½ inch	Catalogue No.	R 11 L
	Std. Pkg. not as'td	50
	Unit Pkg. not as'td	5
	List Price Each	$ 2.40
¾ inch	Catalogue No.	R 22 L
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.50
1 inch	Catalogue No.	R 33 L
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.75

Typt "RT" Condulet



Type "RX" Condulet



Type "RA" Condulet
(Conduit Enters Back)

SIZE OF CONDUIT	Type "RT" Condulet	
½ inch	Catalogue No.	R 111 T
	Std. Pkg. not as'td	50
	Unit Pkg. not as'td	5
	List Price Each	$ 2.50
¾ inch	Catalogue No.	R 222 T
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.65
1 inch	Catalogue No.	R 333 T
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 3.00

SIZE OF CONDUIT	Type "RX" Condulet	
½ inch	Catalogue No.	R 1111X
	Std. Pkg. not as'td	50
	Unit Pkg. not as'td	5
	List Price Each	$ 2.70
¾ inch	Catalogue No.	R 2222X
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.85
1 inch	Catalogue No.	R 3333X
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 3.20

SIZE OF CONDUIT	Type "RA" Condulet	
½ inch	Catalogue No.	R 1 A
	Std. Pkg. not as'td	50
	Unit Pkg. not as'td	5
	List Price Each	$ 2.15
¾ inch	Catalogue No.	R 2 A
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.25
1 inch	Catalogue No.	R 3 A
	Std. Pkg. not as'td	25
	Unit Pkg. not as'td	5
	List Price Each	$ 2.45

Type "R" Condulet With Plug Fuse Hanger Board

Types "R," "RC," "RL," "RT," "RX" and "RA" Condulets are designed for the installation of Arc Lamps on exposed conduit wiring systems. These Condulets meet the demand for a simple and sightly fitting for use with Standard Porcelain Arc Lamp Hanger Boards. Heretofore no acceptable fitting has been available for this purpose.

These Condulets consist of two parts—a body and a detachable ring—and are designed to take any of the Hanger Boards listed at top of page.

After the body of the Condulet is installed and the taps are made, the Hanger Board is secured to the detachable ring by means of stove bolts with nuts (furnished with the Condulet.)

After the Hanger Board is secured to the detachable ring, this ring is fastened to the body of the Condulet by means of four (4) screws (furnished with the Condulet.)

The screws fastening the detachable ring to the body of Condulet are accessible from the outside, as shown in the above illustrations.

Type "RT" Condulet With Plug Fuse and Pull Switch Hanger Board

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ or 1-inch Condulets, listed above, aggregating a total number of 150, 75 and 75, respectively, entitles purchaser to the Standard Package discount.

TYPES "YC" & "YS" CONDULETS—Tapped for Rigid Conduit

FOR EITHER PLUG FUSE OR ENCLOSED FUSE CUT-OUTS

Adjustable Plate for Cut-out and all Necessary Fastening Screws, but Without Cut-out

Type "YC"

Type "YS"

Type "YC" Condulets—For Main Line Cut-outs—Through Feed

STYLE OF CUT-OUT	SIZE OF CONDUIT	½—½ ½ inch mains	¾—¾ ¾ inch mains	1—1 1 inch mains	1¼—1¼ 1¼ inch mains
Condulets for 3-30 Ampere Cut-outs					
2 Wire Main Line	Catalogue Number Std. Pkg. not assorted* Unit Package List Price Each	Y 11302 C 20 1 $ 1.70	Y 22302 C 20 1 $ 1.80	Y 33302 C 10 1 $ 1.90	NOT MADE
3 Wire Main Line	Catalogue Number Std. Pkg. not assorted* Unit Package List Price Each	Y 11303 C 20 1 $ 2.15	Y 22303 C 20 1 $ 2.25	Y 33303 C 10 1 $ 2.35	NOT MADE
Condulets for 31-60 Ampere Cut-outs					
2 Wire Main Line	Catalogue Number Std. Pkg. not assorted* Unit Package List Price Each	NOT MADE	Y 22602 C 20 1 $ 2.65	Y 33602 C 10 1 $ 2.75	Y 44602 C 10 1 $ 2.85
3 Wire Main Line	Catalogue Number Std. Pkg. not assorted* Unit Package List Price Each	NOT MADE	Y 22603 C 20 1 $ 3.40	Y 33603 C 10 1 $ 3.50	Y 44603 C 10 1 $ 3.60

Type "YS" Condulets—For Single Branch Cut-outs—Through Feed

STYLE OF CUT-OUT	SIZE OF CONDUIT	½—½ ½ inch mains ½ inch branch	¾—½ ¾ inch mains ½ inch branch	1—½ 1 inch mains ½ inch branch	1¼—½ 1¼ inch mains ½ inch branch
Condulets for 3-30 Ampere Cut-outs					
2 to 2 Wire Single Branch	Catalogue Number Std. Pkg. not assorted* Unit Package List Price Each	Y 111302 S 20 1 $ 2.00	Y 212302 S 20 1 $ 2.10	Y 313302 S 10 1 $ 2.15	NOT MADE
3 to 3 Wire Single Branch	Catalogue Number Std. Pkg. not assorted* Unit Package List Price Each	Y 111303 S 20 1 $ 2.80	Y 212303 S 20 1 $ 2.90	Y 313303 S 10 1 $ 3.00	NOT MADE
Condulets for 31-60 Ampere Cut-outs					
2 to 2 Wire Single Branch	Catalogue Number Std. Pkg. not assorted* Unit Package List Price Each	NOT MADE	Y 212602 S 20 1 $ 2.85	Y 313602 S 10 1 $ 2.95	Y 414602 S 10 1 $ 3.00
3 to 3 Wire Single Branch	Catalogue Number Std. Pkg. not assorted* Unit Package List Price Each	NOT MADE	Y 212603 S 20 1 $ 4.40	Y 313603 S 10 1 $ 4.50	NOT MADE

The Adjustable Cut-out Plates furnished with Condulets, listed above, will take the following Cut-outs; **For Type "YC" Condulets**—BRYANT—(Plug) 62165, 62965, (Enclosed) 1917, 1918, 1924, 1925. D. and W.—(Enclosed) 91102, 91103, 91108, 91109. G. E. CO.—(Plug) 62165, 62965, (Enclosed) 34367, 34372, 34376, 34377. NOARK—(Enclosed) 3327, 3328, 3329, 3330. PAISTE—(Plug) 2165, 2965, (Enclosed) 72165, 72965, 82165, 82965. SHAWMUT—(Enclosed) 2077, 2078, 2079, 2080. TRUMBULL—(Plug) 2165, 2965, (Enclosed) 21653, 21656, 29653, 29656. WEBER (Plug) 62165, 62965. **For Type "YS" Condulets**—BRYANT—(Plug) 8042, 61935, (Enclosed) 1919, 1920, 1926, 1927. D. and W.—(Enclosed) 91104, 91105, 91110, 91111. G. E. CO.—(Plug) 8042, 61935, (Enclosed) 34368, 34373, 34378, 34379. NOARK—(Enclosed) 3345, 3346, 3347, 3348. PAISTE—(Plug) 1935, 8042, (Enclosed) 71935, 78042, 81935, 88042. SHAWMUT—(Enclosed) 2081, 2082, 2083, 2084. TRUMBULL—(Plug) 1935, 8042, (Enclosed) 19353, 19356, 80423, 80426. WEBER—(Plug) 8042, 61935.

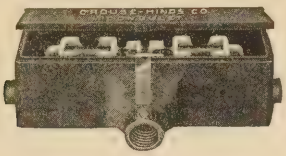
*Any assortment of Condulets of the same type, listed above, aggregating a total number of 30, entitles purchaser to the Standard Package discount. **Prices do not include and we do not furnish Cut-outs.**

Any assortment of 60 types "YC," "YS," "YD" and "YX" Condulets constitutes a Standard Package.

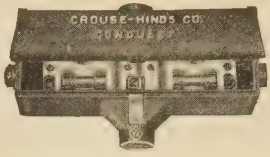
TYPES "YD" & "YX" CONDULETS—Tapped for Rigid Conduit

FOR EITHER PLUG FUSE OR ENCLOSED FUSE CUT-OUTS

Adjustable Plate for Cut-out and all Necessary Fastening Screws, but Without Cut-out



Type "YD"



Type "YX"

Type "YD" Condulets—For Double Branch Cut-outs—Dead End

STYLE OF CUT-OUT	SIZE OF CONDUIT	½ – ½ – ½	½ – ¾ – ½	¾ – ¾ – ¾	½ – 1 – ½	¾ – 1 – ¾
		½ inch main ½ in. branches	¾ inch main ½ in. branches	¾ inch main ¾ in. branches	1 inch main ½ in. branches	1 inch main ¾ in. branches
Condulets for 3-30 Ampere Cut-outs						
2 to 2 Wire and 3 to 2 Wire Double Branch	Catalogue Number	Y 111302 D	Y 121302 D	Y 222302 D	Y 131302 D	Y 232302 D
	Std. Pkg. not assorted*	20	20	20	10	10
	Unit Package	1	1	1	1	1
	List Price Each	$ 2.85	$ 2.95	$ 3.00	$ 3.00	$ 3.10
3 to 3 Wire Double Branch	Catalogue Number	NOT MADE	Y 121303 D	Y 222303 D	Y 131303 D	NOT MADE
	Std. Pkg. not assorted*		20	20	10	
	Unit Package		1	1	1	
	List Price Each		$ 4.15	$ 4.25	$ 4.25	
Condulets for 31-60 Ampere Cut-outs						
2 to 2 Wire and 3 to 2 Wire Double Branch	Catalogue Number	NOT MADE	Y 121602 D	NOT MADE	Y 131602 D	Y 232602 D
	Std. Pkg. not assorted*		20		10	10
	Unit Package		1		1	1
	List Price Each		$ 6.25		$ 6.35	$ 6.40
3 to 3 Wire Double Branch	Catalogue Number	NOT MADE	NOT MADE	NOT MADE	NOT MADE	Y 232603 D
	Std. Pkg. not assorted*					10
	Unit Package					1
	List Price Each					$ 8.35

Type "YX" Condulets—For Double Branch Cut-outs—Through Feed

STYLE OF CUT-OUT	SIZE OF CONDUIT	½ – ½ – ½	¾ – ½ – ¾	¾ – ¾ – ¾	1 – ½ – 1	1 – ¾ – 1
		½ inch mains ½ in. branches	¾ inch mains ½ in. branches	¾ inch mains ¾ in. branches	1 inch mains ½ in. branches	1 inch mains ¾ in. branches
Condulets for 3-30 Ampere Cut-outs						
2 to 2 Wire and 3 to 2 Wire Double Branch	Catalogue Number	Y 1111302 X	Y 2112302 X	Y 2222302 X	Y 3113302 X	Y 3223302 X
	Std. Pkg. not assorted*	20	20	20	10	10
	Unit Package	1	1	1	1	1
	List Price Each	$ 3.00	$ 3.15	$ 3.30	$ 3.30	$ 3.40
3 to 3 Wire Double Branch	Catalogue Number	NOT MADE	Y 2112303 X	Y 2222303 X	Y 3113303 X	NOT MADE
	Std. Pkg. not assorted*		20	20	10	
	Unit Package		1	1	1	
	List Price Each		$ 4.35	$ 4.45	$ 4.45	
Condulets for 31-60 Ampere Cut-outs						
2 to 2 Wire and 3 to 2 Wire Double Branch	Catalogue Number	NOT MADE	Y 2112602 X	Y 2222602 X	Y 3113602 X	Y 3223602 X
	Std. Pkg. not assorted*		20	20	10	10
	Unit Package		1	1	1	1
	List Price Each		$ 6.45	$ 6.55	$ 6.55	$ 6.75
3 to 3 Wire Double Branch	Catalogue Number	NOT MADE	NOT MADE	Y 2222603 X	Y 3113603 X	Y 3223603 X
	Std. Pkg. not assorted*			20	10	10
	Unit Package			1	1	1
	List Price Each			$ 8.45	$ 8.45	$ 8.65

The Adjustable Cut-out Plates furnished with Condulets listed above, will take the followed Cut-outs:

For Type "YD" and "YX" Condulets—BRYANT—(Plug) 62135, 62199, 62587, (Enclosed) 1922, 1923, 1928, 1996, 1997, 1998. D. and W.—(Enclosed) 91100, 91106, 91113, 91121. G. E. CO.—(Plug) 62135, 62199, 62587, (Enclosed) 34369, 34370, 34373, 36804, 36805, 36806. NOARK—(Enclosed) 3349, 3350, 3351, 3352, 3353, 3354. PAISTE—(Plug) 2135, 2199, 2587, (Enclosed) 72135, 72199, 72587, 82587. SHAWMUT—(Enclosed) 2085, 2086, 2087, 2088, 20835, 20845. TRUMBULL—(Plug) 2135, 2199, 2587, (Enclosed) 21353, 21356, 21993, 21996, 25873, 25876. WEBER—(Plug) 62199, 62135, 62587.

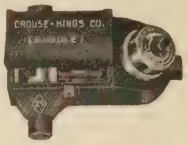
*Any assortment of Condulets of the same type, listed above, aggregatinga total number of 30, entitles purchaser to the Standard Package discouut. **Prices do not include and we do not furnish Cut-outs.**

Any assortment of 60 types "YC," "YS," "YD" and "YX" Condulets constitutes a Standard Package.

TYPES "ZC" & "ZS" CONDULETS—Tapped for Rigid Conduit

FOR EITHER PLUG FUSE OR ENCLOSED FUSE CUT-OUTS
With Switch Swivels, Cut-out Plates and Fastening Screws, but Without Switches or Cut-outs

Type "ZC"



Type "ZS"

Type "ZC" Condulets—For Main Line Cut-outs—Through Feed

Switch Capacity	SIZE OF CONDUIT	½ — ½ ½ inch mains	¾ — ¾ ¾ inch mains	1 — 1 1 inch mains
For 5 Ampere Switches	Catalogue Number	Z 115 C	Z 225 C	Z 335 C
	Std. Pkg. not assorted*	20	20	10
	Unit Package	1	1	1
	List Price Each	$ 2.25	$ 2.40	$ 2.50
For 10 Ampere Switches	Catalogue Number	Z 1110 C	Z 2210 C	Z 3310 C
	Std. Pkg. not assorted*	20	20	10
	Unit Package	1	1	1
	List Price Each	$ 2.25	$ 2.40	$ 2.50
For 20 Ampere Switches	Catalogue Number	Z 1120 C	Z 2220 C	Z 3320 C
	Std. Pkg. not assorted*	20	20	10
	Unit Package	1	1	1
	List Price Each	$ 2.25	$ 2.40	$ 2.50

NOTE—Illustrations on this and the following page show types "ZC," "ZS," "ZD" and "ZX" Condulets with Enclosed Fuse Cut-outs. Either Plug Fuse Cut-outs or Enclosed Fuse Cut-outs may be used with these Condulets. See list of Cut-outs at the bottom of this and the following page.

Type "ZS" Condulets—For Single Branch Cut-outs—Through Feed

Switch Capacity	SIZE OF CONDUIT	½ — ½ ½ inch mains ½ inch branch	¾ — ½ ¾ inch mains ½ inch branch	¾ — ¾ ¾ inch mains ¾ inch branch	1 — ½ 1 inch mains ½ inch branch	1¼ — ½ 1¼ inch mains ½ inch branch
For 5 Ampere Switches	Catalogue Number	Z 1115 S	Z 2125 S	Z 2225 S	Z 3135 S	Z 4145 S
	Std. Pkg. not assorted*	20	20	20	10	10
	Unit Package	1	1	1	1	1
	List Price Each	$ 2.50	$ 2.65	$ 2.65	$ 2.80	$ 2.90
For 10 Ampere Switches	Catalogue Number	Z 11110 S	Z 21210 S	Z 22210 S	Z 31310 S	Z 41410 S
	Std. Pkg. not assorted*	20	20	20	10	10
	Unit Package	1	1	1	1	1
	List Price Each	$ 2.50	$ 2.65	$ 2.65	$ 2.80	$ 2.90
For 20 Ampere Switches	Catalogue Number	Z 11120 S	Z 21220 S	Z 22220 S	Z 31320 S	Z 41420 S
	Std. Pkg. not assorted*	20	20	20	10	10
	Unit Package	1	1	1	1	1
	List Price Each	$ 2.50	$ 2.65	$ 2.65	$ 2.80	$ 2.90

Adapting Rings—For 5 and 10 Ampere Types "ZC," "ZS," "ZD" and "ZX" Condulets

For 5 Ampere Switches		For 10 Ampere Switches	
Catalogue Number	5 Amp. Ring	Catalogue Number	10 Amp. Ring
Std. Pkg. not assorted	100	Std. Pkg. not assorted	100
Unit Pkg. not assorted	10	Unit Pkg. not assorted	10
List Price Each	$ .10	List Price Each	$ .10

Condulets, listed above, are arranged with Swivels (Adjustable Plates) by means of which 5, 10 and 20 Ampere Snap or Pull Switches of various makes can be mounted on a Condulet of corresponding amperage classification.

The Condulets listed above are furnished with an Adjustable Plate for Cut-outs, arranged so as to allow the use of the following Cut-outs:

For Type "ZC" Condulets—BRYANT—(Plug) 62965, (Enclosed) 1917. D. and W.—(Enclosed) 91102. G. E. CO.—(Plug) 62965, (Enclosed) 34367. NOARK—(Enclosed) 3327. PAISTE—(Plug) 2965, (Enclosed) 72965. SHAWMUT—(Enclosed) 2077. TRUMBULL—(Plug) 2965, (Enclosed) 29653. WEBER—(Plug) 62965.

For Type "ZS" Condulets—BRYANT—(Plug) 61935, (Enclosed) 1919. D. and W.—(Enclosed) 91104. G. E. CO.—(Plug) 61935, (Enclosed) 34368. NOARK—(Enclosed) 3345. PAISTE (Plug) 1935, (Enclosed) 71935. SHAWMUT—(Enclosed) 2081. TRUMBULL—(Plug) 1935, (Enclosed) 19358. WEBER—(Plug) 61935.

SPECIAL STANDARD PACKAGE ASSORTMENT

*Any assortment of Condulets of the same type, listed above, aggregating a total number of 30, entitles purchaser to the Standard Package discount.

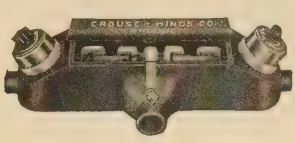
Any assortment of types "ZC," "ZS," "ZD" and "ZX" Condulets, aggregating a total number of 60, entitles purchaser to the Standard Package discount.

Prices do not include and we do not furnish Switches or Cut-outs.

TYPES "ZD" & "ZX" CONDULETS—Tapped for Rigid Conduit

FOR EITHER PLUG FUSE OR ENCLOSED FUSE CUT-OUTS

With Switch Swivels, Cut-out Plates and Fastening Screws, but Without Switches or Cut-outs



Type "ZD"

Type "ZX"

Type "ZD" Condulets—For Double Branch Cut-outs—Dead End

Switch Capacity	SIZE OF CONDUIT	½ inch main ½ in. branches	¾ inch main ½ in. branches	¾ inch main ¾ in. branches	1 inch main ½ in. branches	1¼ inch main ½ in. branches
For 5 Ampere Switches	Catalogue Number	Z 1115 D	Z 1215 D	Z 2225 D	Z 1315 D	Z 1415 D
	Std. Pkg. not assorted*	20	20	20	10	10
	Unit Package	1	1	1	1	1
	List Price Each	$ 4.10	$ 4.30	$ 4.30	$ 4.30	$ 4.50
For 10 Ampere Switches	Catalogue Number	Z 11110 D	Z 12110 D	Z 22210 D	Z 13110 D	Z 14110 D
	Std. Pkg. not assorted*	20	20	20	10	10
	Unit Package	1	1	1	1	1
	List Price Each	$ 4.10	$ 4.30	$ 4.30	$ 4.30	$ 4.50
For 20 Ampere Switches	Catalogue Number	Z 11120 D	Z 12120 D	Z 22220 D	Z 13120 D	Z 14120 D
	Std. Pkg. not assorted*	20	20	20	10	10
	Unit Package	1	1	1	1	1
	List Price Each	$ 4.10	$ 4.30	$ 4.30	$ 4.30	$ 4.50

Type "ZX" Condulets—For Double Branch Cut-outs—Through Feed

Switch Capacity	SIZE OF CONDUIT	½ inch mains ½ in. branches	¾ inch mains ½ in. branches	¾ inch mains ¾ in. branches	1 inch mains ½ in. branches	1¼ inch mains ½ in. branches
For 5 Ampere Switches	Catalogue Number	Z 11115 X	Z 21125 X	Z 22225 X	Z 31135 X	Z 41145 X
	Std. Pkg. not assorted*	20	20	20	10	10
	Unit Package	1	1	1	1	1
	List Price Each	$ 4.25	$ 4.50	$ 4.50	$ 4.50	$ 4.65
For 10 Ampere Switches	Catalogue Number	Z 111110 X	Z 211210 X	Z 222210 X	Z 311310 X	Z 411410 X
	Std. Pkg. not assorted*	20	20	20	10	10
	Unit Package	1	1	1	1	1
	List Price Each	$ 4.25	$ 4.50	$ 4.50	$ 4.50	$ 4.65
For 20 Ampere Switches	Catalogue Number	Z 111120 X	Z 211220 X	Z 222220 X	Z 311320 X	Z 411420 X
	Std. Pkg. not assorted*	20	20	20	10	10
	Unit Package	1	1	1	1	1
	List Price Each	$ 4.25	$ 4.50	$ 4.50	$ 4.50	$ 4.65

Condulets of the same type and size for 5, 10 and 20 Ampere Switches, listed on this and the preceding page, are alike in every detail except that the Switches of different capacity require Swivels of a different size; also, an Adapting Ring is necessary for the installation of 5 and 10 Ampere Switches. Each Condulet is furnished with Swivels for Switches, an Adjustable Plate for Cut-out and. if Condulets for 5 or 10 Ampere Switches are ordered, Adapting Rings are also furnished. Therefore by purchasing a complete fitting and the necessary Swivels and Adapting Rings for the other two fittings a complete assortment of one size and type of Condulet is obtained.

Condulets listed above are arranged with Swivels (Adjustable Plates) by means of which 5, 10 and 20 Ampere Snap or Pull Switches of various makes can be mounted on a Condulet of corresponding amperage classification.

The Condulets listed above are furnished with an Adjustable Plate for Cut-outs, arranged so as to allow the use of the following Cut-outs:

For Type "ZD" and "ZX" Condulets—BRYANT—(Plug) 62587, 62199, (Enclosed) 1922, 1923. D. and W.—(Enclosed) 91106, 91121. G. E. CO.—(Plug) 62587, 62199, (Enclosed) 34369, 34370. NOARK—(Enclosed) 3349, 3351. PAISTE—(Plug) 2587, 2199, (Enclosed) 72587, 72199. SHAWMUT—(Enclosed) 2085, 2087. TRUMBULL—(Plug) 2587, 2199, (Enclosed) 25873, 21993. WEBER—(Plug) 62587, 62199.

SPECIAL STANDARD PACKAGE ASSORTMENT

*Any assortment of Condulets of the same type, listed above, aggregating a total number of 30, entitles purchaser to the Standard Package discount.

Any assortment of types "ZC," "ZS," "ZD" and "ZX" Condulets, aggregating a total number of 60, entitles purchaser to the Standard Package discount.

Adapting Rings for 5 and 10 Ampere types "ZC," "ZS," "ZD" and "ZX" Condulets, listed on preceding page.

Prices do not include and we do not furnish Switches or Cut-outs.

CONDULETS WITH VAPORPROOF GLOBES & GUARDS

For Incandescent Lamp Receptacles—Bryant—9397. G. E. Co.—9397. Paiste—9397

Type "V"

Type "VC"

Type "VL"

Type "VT"

Type "VX"

Type "VA"

TYPES "V," "VC," "VL," "VT," "VX" AND "VA" CONDULETS

For Incandescent Lamps not Exceeding 2¾ inches in Diameter

Condulets Complete With Globes and Guards Attached

SIZE OF CONDUIT	Std. Pkg. not As'td	Unit Package	Type of Condulet	Type "V"	Type "VC"	Type "VL"	Type "VT"	Type "VX"	Type "VA"
½ inch	75	1	Cat. No. List Each	V 189 $ 4.50	V 1189 C $ 4.60	V 1189 L $ 4.60	V 11189 T $ 4.75	V 111189 X $ 4.85	V 189 A $ 4.50
¾ inch	50	1	Cat. No. List Each	V 289 $ 4.55	V 2289 C $ 4.70	V 2289 L $ 4.70	V 22289 T $ 4.85	V 222289 X $ 5.05	V 289 A $ 4.55
1 inch	25	1	Cat. No. List Each	V 389 $ 4.60	V 3389 C $ 4.80	V 3389 L $ 4.80	V 33389 T $ 5.05	V 333389 X $ 5.20	V 389 A $ 4.60

Condulet Castings, Without Globes and Guards

½ inch	75	1	Cat. No. List Each	V 1 $ 1.90	V 11 C $ 2.00	V 11 L $ 2.00	V 111 T $ 2.15	V 1111 X $ 2.25	V 1 A $ 1.90
¾ inch	50	1	Cat. No. List Each	V 2 $ 1.95	V 22 C $ 2.10	V 22 L $ 2.10	V 222 T $ 2.25	V 2222 X $ 2.45	V 2 A $ 1.95
1 inch	25	1	Cat. No. List Each	V 3 $ 2.00	V 33 C $ 2.20	V 33 L $ 2.20	V 333 T $ 2.45	V 3333 X $ 2.60	V 3 A $ 2.00

TYPES "VH," "VHC," "VHL," "VHT," "VHX" AND "VHA"

For Incandescent Lamps not Exceeding 3¾ inches in Diameter

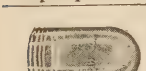
Condulets Complete With Globes and Guards Attached

SIZE OF CONDUIT	Std. Pkg. not As'td	Unit Package	Type of Condulet	Type "VH"	Type "VHC"	Type "VHL"	Type "VHT"	Type "VHX"	Type "VHA"
½ inch	75	1	Cat. No. List Each	VH 189 $ 5.40	VH 1189 C $ 5.50	VH 1189 L $ 5.50	VH 11189 T $ 5.60	VH111189X $ 5.70	VH 189 A $ 5.40
¾ inch	50	1	Cat. No. List Each	VH 289 $ 5.45	VH 2289 C $ 5.60	VH 2289 L $ 5.60	VH 22289 T $ 5.75	VH222289X $ 5.90	VH 289 A $ 5.45
1 inch	25	1	Cat. No. List Each	VH 389 $ 5.50	VH 3389 C $ 5.65	VH 3389 L $ 5.65	VH 33389 T $ 5.85	VH333389X $ 6.05	VH 389 A $ 5.50

Condulet Castings, Without Globes and Guards

½ inch	75	1	Cat. No. List Each	VH 1 $ 2.35	VH 11 C $ 2.45	VH 11 L $ 2.45	VH 111 T $ 2.55	VH 1111 X $ 2.65	VH 1 A $ 2.35
¾ inch	50	1	Cat. No. List Each	VH 2 $ 2.40	VH 22 C $ 2.55	VH 22 L $ 2.55	VH 222 T $ 2.70	VH 2222 X $ 2.85	VH 2 A $ 2.40
1 inch	25	1	Cat.No. List Each	VH 3 $ 2.45	VH 33 C $ 2.60	VH 33 L $ 2.60	VH 333 T $ 2.80	VH 3333 X $ 3.00	VH 3 A $ 2.45

Vaporproof Globes for Above Condulets


Globe--Type "V8"

For ½, ¾ & 1 In. Condulets	Globe for Small Lamp	Globe for Large Lamp
Cat. No.	V 8	VH 8
Std. Pkg.	75	75
Unit Pkg.	1	1
List Each	$ .80	$ .80

Guards for Above Condulets

For ½, ¾ & 1 In. Condulets	Guard for Small Globe	Guard for Large Globe
Cat. No.	V 9	VH 9
Std. Pkg.	75	75
Unit Pkg.	1	1
List Each	$ 1.80	$ 2.25

Guard--Type "V9"

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of ½, ¾ and 1-inch Condulets, listed above, with Globes and Guards, aggregating a total number of 150, 100 or 50, respectively, entitles purchaser to Standard Package discount. Standard Package discount is allowed on the same assortment of castings only.

Prices do not include and we do not furnish Incandescent Lamp Receptacles.

TYPE "M" CONDULETS—For Moulding Work Only

WITH PORCELAIN AND METAL COVERS

Type "M" Condulets Complete With Porcelain Insulators and Covers Attached

NOTE—Opposite are shown cuts of type "M" Condulets. The 1st, 2nd and 3rd columns each cover a single form—the two-wire fitting shown above, the three-wire fitting below. In the 4th column the upper cut shows the "T" form, with three-wire mains, two-wire branch, and the lower cut shows the "X" form, with three-wire mains, two-wire branches. Immediately underneath cuts the fittings are listed with the different styles of covers.

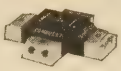
2 Wire
Straight Through

M 221

2 Wire T

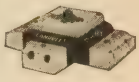
M 22200

2 Wire X



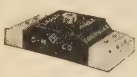
M 22225

3-2 Wire T



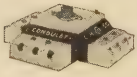
M 3239

3 Wire
Straight Through



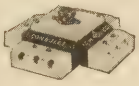
M 336

3 Wire T



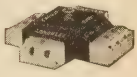
M 33311

3 Wire X



M 333312

3-2 Wire X



M 32237

STYLE OF COVER	Style Conduiet	2 Wire	3 Wire	2 Wire T	3 Wire T	2 Wire X	3 Wire X	3-2 Wire T	3-2 Wire X
	Std. Pk. As'td*	100	100	100	100	100	100	100	100
	Unit Package	5	5	5	5	5	5	5	5
Porcelain 1 Wire Hole	Cat. No.	M 221	M 331	M 2221	M 3331	M 22221	M 33331	M 3231	M 32231
	List Each	$ .77	$ .99	$ .82	$ 1.14	$ 1.02	$ 1.34	$ 1.14	$ 1.34
METAL NIPPLE 1-8 Male	Cat. No.	M 225	M 335	M 2225	M 3335	M 22225	M 33335	M 3235	M 32235
	List Each	$ .87	$ 1.09	$ .92	$ 1.24	$ 1.12	$ 1.44	$ 1.24	$ 1.44
METAL NIPPLE 1-8 Female	Cat. No.	M 226	M 336	M 2226	M 3336	M 22226	M 33336	M 3236	M 32236
	List Each	$ .87	$ 1.09	$ .92	$ 1.24	$ 1.12	$ 1.44	$ 1.24	$ 1.44
METAL NIPPLE 3-8 Male	Cat. No.	M 227	M 337	M 2227	M 3337	M 22227	M 33337	M 3237	M 32237
	List Each	$ .92	$ 1.14	$ .97	$ 1.29	$ 1.17	$ 1.49	$ 1.29	$ 1.49
METAL NIPPLE 3-8 Female	Cat. No.	M 228	M 338	M 2228	M 3338	M 22228	M 33338	M 3238	M 32238
	List Each	$ .92	$ 1.14	$ .97	$ 1.29	$ 1.17	$ 1.49	$ 1.29	$ 1.49
PORCELAIN NIPPLE 1-8 Male	Cat. No.	M 229	M 339	M 2229	M 3339	M 22229	M 33339	M 3239	M 32239
	List Each	$ .92	$ 1.14	$ .97	$ 1.29	$ 1.17	$ 1.49	$ 1.29	$ 1.49
PORCELAIN NIPPLE 1-8 Female	Cat. No.	M 2210	M 3310	M 22210	M 33310	M 222210	M 333310	M 32310	M 322310
	List Each	$ .92	$ 1.14	$ .97	$ 1.29	$ 1.17	$ 1.49	$ 1.29	$ 1.49
PORCELAIN NIPPLE 3-8 Male	Cat. No.	M 2211	M 3311	M 22211	M 33311	M 222211	M 333311	M 32311	M 322311
	List Each	$ 1.02	$ 1.25	$ 1.07	$ 1.40	$ 1.27	$ 1.60	$ 1.40	$ 1.60
PORCELAIN NIPPLE 3-8 Female	Cat. No.	M 2212	M 3312	M 22212	M 33312	M 222212	M 333312	M 32312	M 322312
	List Each	$ 1.02	$ 1.25	$ 1.07	$ 1.40	1.27	$ 1.60	$ 1.40	$ 1.60
Blank Metal	Cat. No.	M 2200	M 3300	M 22200	M 33300	M 222200	M 333300	M 32300	M 322300
	List Each	$ .75	$ .95	$ .80	$ 1.10	$ 1.00	$ 1.30	$ 1.10	$ 1.30

Type "M" Condulets Complete With Porcelain Insulators, but Without Covers

STYLE OF CONDULET	2 Wire	3 Wire	2 Wire T	3 Wire T	2 Wire X	3 Wire X	3-2 Wire T	3-2 Wire X
Catalogue Number	M 22	M 33	M 222	M 333	M 2222	M 3333	M 323	M 3223
Std. Pkg. not as'td	100	100	100	100	100	100	100	100
Unit Pkg. not as'td	5	5	5	5	5	5	5	5
List Price Each	$ .67	$ .84	$ .72	$ .99	$ .92	$ 1.19	$ .99	$ 1.19

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of type "M" Condulets with covers, aggregating a total of 300 fittings, entitles purchaser to the Standard Package discount.

Any assortment of type "M" Condulets without covers, aggregating a total of 300 fittings, entitles purchaser to the Standard Package discount.

***All Condulets of the same form and for the same style of moulding may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets for 2-wire moulding are interchangeable.

Covers of all Condulets for 3-wire and 3 to 2-wire moulding are interchangeable.

TYPE "O" CONDULETS—For Combination Conduit and Moulding Work

WITH PORCELAIN AND METAL COVERS

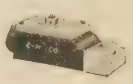
Type "O" Condulets Complete With Porcelain Insulators and Covers Attached

NOTE—Opposite are shown cuts of type "O" Condulets. Each column covers a single form—the two-wire fitting shown above, the three-wire fitting below. Immediately underneath cuts the fittings are listed with the different styles of covers.

Type "O" Condulets are made and tapped for ½ inch Rigid Conduit only.

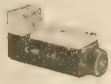
All the fittings are catalogued as type "O". The numerals following the letter designate the form of fitting and style and arrangement of porcelain insulator and cover.

2 Wire



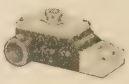
O 10210

2 Wire



O 1121

2 Wire



O 12212

2 Wire

O 13211

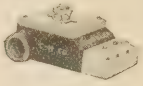
3 Wire

O 10311

3 Wire

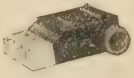
O 1139

3 Wire



O 12312

3 Wire



O 13300

STYLE OF COVER		Style Conduiet	2 Wire	3 Wire	2 Wire	3 Wire	2 Wire	3 Wire	2 Wire	3 Wire
		Std. Pk. As'td*	100	100	100	100	100	100	100	100
		Unit Package	5	5	5	5	5	5	5	5
Porcelain 1 Wire Hole		Cat. No.	O 1021	O 1031	O 1121	O 1131	O 1221	O 1231	O 1321	O 1331
		List Each	$ .72	$ .94	$ .82	$ 1.04	$ .72	$ .94	$ .72	$ .94
METAL NIPPLE	1-8 Male	Cat. No.	O 1025	O 1035	O 1125	O 1135	O 1225	O 1235	O 1325	O 1335
		List Each	$ .82	$ 1.04	$ .92	$ 1.14	$ .82	$ 1.04	$ .82	$ 1.04
	1-8 Female	Cat. No.	O 1026	O 1036	O 1126	O 1136	O 1226	O 1236	O 1326	O 1336
		List Each	$ .82	$ 1.04	$ .92	$ 1.14	$ .82	$ 1.04	$ .82	$ 1.04
	3-8 Male	Cat. No.	O 1027	O 1037	O 1127	O 1137	O 1227	O 1237	O 1327	O 1337
		List Each	$ .87	$ 1.09	$ .97	$ 1.19	$ .87	$ 1.09	$ .87	$ 1.09
	3-8 Female	Cat. No.	O 1028	O 1038	O 1128	O 1138	O 1228	O 1238	O 1328	O 1338
		List Each	$ .87	$ 1.09	$ .97	$ 1.19	$ .87	$ 1.09	$ .87	$ 1.09
PORCELAIN NIPPLE	1-8 Male	Cat. No.	O 1029	O 1039	O 1129	O 1139	O 1229	O 1239	O 1329	O 1339
		List Each	$ .87	$ 1.09	$ .97	$ 1.19	$ .87	$ 1.09	$ .87	$ 1.09
	1-8 Female	Cat. No.	O 10210	O 10310	O 11210	O 11310	O 12210	O 12310	O 13210	O 13310
		List Each	$ .87	$ 1.09	$ .97	$ 1.19	$ .87	$ 1.09	$ .87	$ 1.09
	3-8 Male	Cat. No.	O 10211	O 10311	O 11211	O 11311	O 12211	O 12311	O 13211	O 13311
		List Each	$ .97	$ 1.20	$ 1.07	$ 1.30	$ .97	$ 1.20	$ .97	$ 1.20
	3-8 Female	Cat. No.	O 10212	O 10312	O 11212	O 11312	O 12212	O 12312	O 13212	O 13312
		List Each	$ .97	$ 1.20	$ 1.07	$ 1.30	$ .97	$ 1.20	$ .97	$ 1.20
Blank Metal		Cat. No.	O 10200	O 10300	O 11200	O 11300	O 12200	O 12300	O 13200	O 13300
		List Each	$ .70	$ .90	$ .80	$ 1.00	$ .70	$ .90	$ .70	$ .90

Type "O" Condulets Complete With Porcelain Insulators, but Without Covers

STYLE OF CONDULET	2 Wire	3 Wire	2 Wire	3 Wire	2 Wire	3 Wire	2 Wire	3 Wire
Catalogue Number	O 102	O 103	O 112	O 113	O 122	O 123	O 132	O 133
Std. Pkg. not as'td	100	100	100	100	100	100	100	100
Unit Pkg. not as'td	5	5	5	5	5	5	5	5
List Price Each	$ .62	$ .79	$ .72	$ .89	$ .62	$ .79	$ .62	$ .79

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of type "O" Condulets, listed on pages 42, 43 and 44, with covers, aggregating a total of 400 fittings, entitles purchaser to the Standard Package discount.

Any assortment of type "O" Condulets, listed on pages 42, 43 and 44, without covers, aggregating a total of 400 fittings, entitles purchaser to the Standard Package discount.

*All Condulets of the same form and for the same style of moulding may be assorted to make up a Standard Package regardless of style of cover.

Covers of all Condulets for 2-wire moulding are interchangeable.

Covers of all Condulets for 3-wire and 3 to 2-wire moulding are interchangeable.

TYPE "O" CONDULETS—For Combination Conduit and Moulding Work

WITH PORCELAIN AND METAL COVERS

Type "O" Condulets Complete With Porcelain Insulators and Covers Attached

NOTE—Opposite are shown cuts of type "O" Condulets. Each column covers a single form—the two-wire fitting shown above, the three-wire fitting below. Immediately underneath cuts the fittings are listed with the different styles of covers.

Type "O" Condulets are made and tapped for ½-inch Rigid Conduit only.

All the fittings are catalogued as type "O". The numerals following the letter designate the form of fitting and style and arrangement of porcelain insulators and cover.

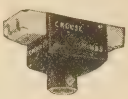
2 Wire

O 1429

2 Wire

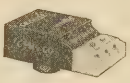
O 152210

2 Wire



O 162200

3 Wire

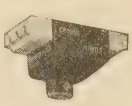


O 14300

3 Wire

O 153312

3 Wire



O 163300

STYLE OF COVER	Style Conduiet	2 Wire	3 Wire	2 Wire	3 Wire	2 Wire	3 Wire
	Std. Pk. As'td*	100	100	100	100	100	100
	Unit Package	5	5	5	5	5	5
Porcelain 1 Wire Hole	Cat. No.	O 1421	O 1431	O 1522†	O 15331	O 16221	O 16331
	List Each	$ .72	$ .94	$ .87	$ 1.09	$ .82	$ 1.04
METAL NIPPLE 1-8 Male	Cat. No.	O 1425	O 1435	O 15225	O 15335	O 16225	O 16335
	List Each	$ .82	$ 1.04	$ .97	$ 1.19	$ .92	$ 1.14
METAL NIPPLE 1-8 Female	Cat. No.	O 1426	O 1436	O 15226	O 15336	O 16226	O 16336
	List Each	$ .82	$ 1.04	$ .97	$ 1.19	$ .92	$ 1.14
METAL NIPPLE 3-8 Male	Cat. No.	O 1427	O 1437	O 15227	O 15337	O 16227	O 16337
	List Each	$ .87	$ 1.09	$ 1.02	$ 1.24	$ .97	$ 1.19
METAL NIPPLE 3-8 Female	Cat. No.	O 1428	O 1438	O 15228	O 15338	O 16228	O 16338
	List Each	$ .87	$ 1.09	$ 1.02	$ 1.24	$ .97	$ 1.19
PORCELAIN NIPPLE 1-8 Male	Cat. No.	O 1429	O 1439	O 15229	O 15339	O 16229	O 16339
	List Each	$ .87	$ 1.09	$ 1.02	$ 1.24	$ .97	$ 1.19
PORCELAIN NIPPLE 1-8 Female	Cat. No.	O 14210	O 14310	O 152210	O 153310	O 162210	O 163310
	List Each	$ .87	$ 1.09	$ 1.02	$ 1.24	$ .97	$ 1.19
PORCELAIN NIPPLE 3-8 Male	Cat. No.	O 14211	O 14311	O 152211	O 153311	O 162211	O 163311
	List Each	$ .97	$ 1.20	$ 1.12	$ 1.35	$ 1.07	$ 1.30
PORCELAIN NIPPLE 3-8 Female	Cat. No.	O 14212	O 14312	O 152212	O 153312	O 162212	O 163312
	List Each	$ .97	$ 1.20	$ 1.12	$ 1.35	$ 1.07	$ 1.30
Blank Metal	Cat. No.	O 14200	O 14300	O 152200	O 153300	O 162200	O 163300
	List Each	$ .70	$ .90	$ .85	$ 1.05	$ .80	$ 1 00

Type "O" Condulets Complete With Porcelain Insulators, but Without Covers

STYLE OF CONDULET	2 Wire	3 Wire	2 Wire	3 Wire	2 Wire	3 Wire
Catalogue Number	O 142	O 143	O 1522	O 1533	O 1622	O 1633
Std. Pkg. not as'td	100	100	100	100	100	100
Unit Pkg. not as'td	5	5	5	5	5	5
List Price Each	$ .62	$ .79	$ .77	$ .94	$ .72	$ .89

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of type "O" Condulets, listed on pages 42, 43 and 44, with covers, aggregating a total of 400 fittings, entitles purchaser to the Standard Package discount.

Any assortment of type "O" Condulets, listed on pages 42, 43 and 44, without covers, aggregating a total of 400 fittings, entitles purchaser to the Standard Package discount.

***All Condulets of the same form and for the same style of moulding may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets for 2-wire moulding are interchangeable.

Covers of all Condulets for 3-wire and 3 to 2-wire moulding are interchangeable.

TYPE "O" CONDULETS—For Combination Conduit and Moulding Work

WITH PORCELAIN AND METAL COVERS

Type "O" Condulets Complete With Porcelain Insulators and Covers Attached

NOTE—Opposite are shown cuts of type "O" Condulets. Each column covers a single form—the two-wire fitting shown above, the three-wire fitting below. Immediately underneath cuts the fittings are listed with the different styles of covers.

Type "O" Condulets are made and tapped for ½-inch Rigid Conduit only.

All the fittings are catalogued as type "O". The numerals following the letter designate the form of fitting and style and arrangement of porcelain insulators and cover.

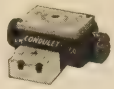
2 Wire

O 172210

2 Wire

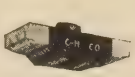
O 1822210

2 Wire



O 11921

3 Wire

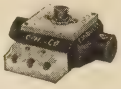


O 173300

3 Wire

O 183339

3 Wire



O 119311

STYLE OF COVER		Style Conduiet	2 Wire	3 Wire	2 Wire	3 Wire	2 Wire	3 Wire
		Std. Pk. As'td*	100	100	100	100	100	100
		Unit Package	5	5	5	5	5	5
Porcelain 1 Wire Hole		Cat. No.	O 17221	O 17331	O 182221	O 183331	O 11921	O 11931
		List Each	$ .87	$ 1.09	$ 1.02	$ 1.29	$ .87	$ 1.04
METAL NIPPLE	1-8 Male	Cat. No.	O 17225	O 17335	O 182225	O 183335	O 11925	O 11935
		List Each	$ .97	$ 1.19	$ 1.12	$ 1.39	$ .97	$ 1.14
	1-8 Female	Cat. No.	O 17226	O 17336	O 182226	O 183336	O 11926	O 11936
		List Each	$ .97	$ 1.19	$ 1.12	$ 1.39	$ .97	$ 1.14
	3-8 Male	Cat. No.	O 17227	O 17337	O 182227	O 183337	O 11927	O 11937
		List Each	$ 1.02	$ 1.24	$ 1.17	$ 1.44	$ 1.02	$ 1.19
	3-8 Female	Cat. No.	O 17228	O 17338	O 182228	O 183338	O 11928	O 11938
		List Each	$ 1.02	$ 1.24	$ 1.17	$ 1.44	$ 1.02	$ 1.19
PORCELAIN NIPPLE	1-8 Male	Cat. No.	O 17229	O 17339	O 182229	O 183339	O 11929	O 11939
		List Each	$ 1.02	$ 1.24	$ 1.17	$ 1.44	$ 1.02	$ 1.19
	1-8 Female	Cat. No.	O 172210	O 173310	O 1822210	O 1833310	O 119210	O 119310
		List Each	$ 1.02	$ 1.24	$ 1.17	$ 1.44	$ 1.02	$ 1.19
	3-8 Male	Cat. No.	O 172211	O 173311	O 1822211	O 1833311	O 119211	O 119311
		List Each	$ 1.12	$ 1.35	$ 1.27	$ 1.55	$ 1.12	$ 1.30
	3-8 Female	Cat. No.	O 172212	O 173312	O 1822212	O 1833312	O 119212	O 119312
		List Each	$ 1.12	$ 1.35	$ 1.27	$ 1.55	$ 1.12	$ 1.30
Blank Metal		Cat. No.	O 172200	O 173300	O 1822200	O 1833300	O 119200	O 119300
		List Each	$ .85	$ 1.05	$ 1.00	$ 1.25	$ .85	$ 1.00

Type "O" Condulets Complete With Porcelain Insulators, but Without Covers

STYLE OF CONDULET	2 Wire	3 Wire	2 Wire	3 Wire	2 Wire	3 Wire
Catalogue Number	O 1722	O 1733	O 18222	O 18333	O 1192	O 1193
Std. Pkg. not as'td	100	100	100	100	100	100
Unit Pkg. not as'td	5	5	5	5	5	5
List Price Each	$ .77	$ .94	$ .92	$ 1.14	$ .77	$ .89

SPECIAL STANDARD PACKAGE ASSORTMENT

Any assortment of type "O" Condulets, listed on pages 42, 43 and 44, with covers, aggregating a total of 400 fittings, entitles purchaser to the Standard Package discount.

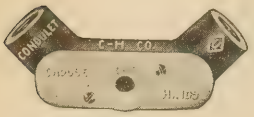
Any assortment of type "O" Condulets, listed on pages 42, 43 and 44, without covers, aggregating a total of 400 fittings, entitles purchaser to the Standard Package discount.

***All Condulets of the same form and for the same style of moulding may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets for 2-wire moulding are interchangeable.

Covers of all Condulets for 3-wire and 3 to 2-wire moulding are interchangeable.

TYPE "U" CONDULETS—Tapped for Rigid Conduit



U 111

U 1100

U 1111

Type "U" Condulets Complete with Covers Attached

STYLE OF COVER		Size of Conduit	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
		Std. Pk. As'td*	100	50	40	20	10	5	5	5	5	5
		Unit Package	10	5	5	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	U 111	U 221	U 331	U 441	U 551	U 661	U 771	U 881	U 991	U 10101
		List Each	$ .62	$ .72	$ 1.10	$ 1.55	$ 2.00	$ 3.50	$ 7.90	$ 8.90	$ 19.50	$ 21.50
	2 Wire	Cat. No.	U 112	U 222	U 332	U 442	U 552	U 662	U 772	U 882	U 992	U 10102
		List Each	$ .62	$ .72	$ 1.10	$ 1.55	$ 2.00	$ 3.50	$ 7.90	$ 8.90	$ 19.50	$ 21.50
	3 Wire	Cat. No.	U 113	U 223	U 333	U 443	U 553	U 663	U 773	U 883	U 993	U 10103
		List Each	$ .62	$ .72	$ 1.10	$ 1.55	$ 2.00	$ 3.50	$ 7.90	$ 8.90	$ 19.50	$ 21.50
	4 Wire	Cat. No.	U 11400	U 22400	U 33400	U 44400	U 55400	U 66400	U 77400	U 88400	U 99400	U 1010400
		List Each	$ .62	$ .72	$ 1.10	$ 1.55	$ 2.00	$ 3.50	$ 7.90	$ 8.90	$ 19.50	$ 21.50
	5 Wire	Cat. No.	NOT MADE	U 22500	U 33500	U 44500	U 55500	U 66500	U 77500	U 88500	U 99500	U 1010500
		List Each		$ .72	$ 1.10	$ 1.55	$ 2.00	$ 3.50	$ 7.90	$ 8.90	$ 19.50	$ 21.50
	6 Wire	Cat. No.	NOT MADE	U 22600	U 33600	U 44600	U 55600	U 66600	U 77600	U 88600	U 99600	U 1010600
		List Each		$ .72	$ 1.10	$ 1.55	$ 2.00	$ 3.50	$ 7.90	$ 8.90	$ 19.50	$ 21.50
	7 Wire	Cat. No.	NOT MADE	NOT MADE	U 33700	U 44700	U 55700	U 66700	U 77700	U 88700	U 99700	U 1010700
		List Each			$ 1.10	$ 1.55	$ 2.00	$ 3.50	$ 7.90	$ 8.90	$ 19.50	$ 21.50
	8 Wire	Cat. No.	NOT MADE	NOT MADE	U 33800	U 44800	U 55800	U 66800	U 77800	U 88800	U 99800	U 1010800
		List Each			$ 1.10	$ 1.55	$ 2.00	$ 3.50	$ 7.90	$ 8.90	$ 19.50	$ 21.50
	For W. P. Socket	Cat. No.	U 114	U 224	U 334	U 444	U 554	U 664	U 774	U 884	U 994	U 10104
		List Each	$ .68	$ .82	$ 1.25	$ 1.75	$ 2.25	$ 3.80	$ 8.25	$ 9.30	$ 19.95	$ 21.95
METAL NIPPLE	1-8 Male	Cat. No.	U 115	U 225	U 335	U 445	U 555	U 665	U 775	U 885	U 995	U 10105
		List Each	$ .72	$ .82	$ 1.20	$ 1.65	$ 2.10	$ 3.60	$ 8.00	$ 9.00	$ 19.60	$ 21.60
	1-8 Female	Cat. No.	U 116	U 226	U 336	U 446	U 556	U 666	U 776	U 886	U 996	U 10106
		List Each	$ .72	$ .82	$ 1.20	$ 1.65	$ 2.10	$ 3.60	$ 8.00	$ 9.00	$ 19.60	$ 21.60
	3-8 Male	Cat. No.	U 117	U 227	U 337	U 447	U 557	U 667	U 777	U 887	U 997	U 10107
		List Each	$ .77	$ .87	$ 1.25	$ 1.70	$ 2.15	$ 3.65	$ 8.05	$ 9.05	$ 19.65	$ 21.65
	3-8 Female	Cat. No.	U 118	U 228	U 338	U 448	U 558	U 668	U 778	U 888	U 998	U 10108
		List Each	$ .77	$ .87	$ 1.25	$ 1.70	$ 2.15	$ 3.65	$ 8.05	$ 9.05	$ 19.65	$ 21.65
PORCELAIN NIPPLE	1-8 Male	Cat. No.	U 119	U 229	U 339	U 449	U 559	U 669	U 779	U 889	U 999	U 10109
		List Each	$ .77	$ .87	$ 1.28	$ 1.77	$ 2.24	$ 3.80	$ 8.30	$ 9.45	$ 20.05	$ 22.05
	1-8 Female	Cat. No.	U 1110	U 2210	U 3310	U 4410	U 5510	U 6610	U 7710	U 8810	U 9910	U 101010
		List Each	$ .77	$ .87	$ 1.28	$ 1.77	$ 2.24	$ 3.80	$ 8.30	$ 9.45	$ 20.05	$ 22.05
	3-8 Male	Cat. No.	U 1111	U 2211	U 3311	U 4411	U 5511	U 6611	U 7711	U 8811	U 9911	U 101011
		List Each	$ .87	$ .98	$ 1.38	$ 1.87	$ 2.34	$ 3.90	$ 8.40	$ 9.60	$ 20.20	$ 22.20
	3-8 Female	Cat. No.	U 1112	U 2212	U 3312	U 4412	U 5512	U 6612	U 7712	U 8812	U 9912	U 101012
		List Each	$ .87	$ .98	$ 1.38	$ 1.87	$ 2.34	$ 3.90	$ 8.40	$ 9.60	$ 20.20	$ 22.20
	Blank Metal	Cat. No.	U 1100	U 2200	U 3300	U 4400	U 5500	U 6600	U 7700	U 8800	U 9900	U 101000
		List Each	$ .60	$ .68	$ 1.08	$ 1.51	$ 1.97	$ 3.46	$ 7.85	$ 8.85	$ 19.40	$ 21.40

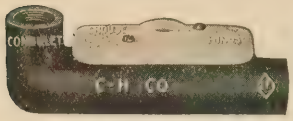
Type "U" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
Catalogue Number	U 11	U 22	U 33	U 44	U 55	U 66	U 77	U 88	U 99	U 1010
Std. Package not assorted	100	50	40	20	10	5	5	5	5	5
Unit Package not assorted	10	5	5	1	1	1	1	1	1	1
List Price Each	$ .52	$ .57	$ .85	$ 1.19	$ 1.52	$ 2.90	$ 7.10	$ 8.10	$ 18.60	$ 20.60

*All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.

Covers of all Condulets of the same size are interchangeable,

TYPE "LF" CONDULETS—Tapped for Rigid Conduit



L 111 F

L 115 F

L 1100 F

Type "LF" Condulets Complete With Covers Attached

STYLE OF COVER		Size of Conduit	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
		Std. Pk. As'td*	200	100	50	20	10	5	5	5	5	5
		Unit Package	10	5	5	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	L 111 F	L 221 F	L 331 F	L 441 F	L 551 F	L 661 F	L 771 F	L 881 F	L 991 F	L 10101 F
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	2 Wire	Cat. No.	L 112 F	L 222 F	L 332 F	L 442 F	L 552 F	L 662 F	L 772 F	L 882 F	L 992 F	L 10102 F
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	3 Wire	Cat. No.	L 113 F	L 223 F	L 333 F	L 443 F	L 553 F	L 663 F	L 773 F	L 883 F	L 993 F	L 10103 F
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	4 Wire	Cat. No.	L11400F	L22400F	L33400F	L44400F	L55400F	L66400F	L77400F	L88400F	L99400F	L1010400F
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	5 Wire	Cat. No.	NOT	L22500F	L33500F	L44500F	L55500F	L66500F	L77500F	L88500F	L99500F	L1010500F
		List Each	MADE	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	6 Wire	Cat. No.	NOT	L22600F	L33600F	L44600F	L55600F	L66600F	L77600F	L88600F	L99600F	L1010600F
		List Each	MADE	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	7 Wire	Cat. No.	NOT	NOT	L33700F	L44700F	L55700F	L66700F	L77700F	L88700F	L99700F	L1010700F
		List Each	MADE	MADE	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	8 Wire	Cat. No.	NOT	NOT	L33800F	L44800F	L55800F	L66800F	L77800F	L88800F	L99800F	L1010800F
		List Each	MADE	MADE	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	For W. P. Socket	Cat. No.	L 114 F	L 224 F	L 334 F	L 444 F	L 554 F	L 664 F	L 774 F	L 884 F	L 994 F	L 10104 F
		List Each	$ .56	$ .70	$ 1.05	$ 1.60	$ 2.10	$ 3.55	$ 7.70	$ 8.90	$ 18.45	$ 20.45
METAL NIPPLE	1-8 Male	Cat. No.	L 115 F	L 225 F	L 335 F	L 445 F	L 555 F	L 665 F	L 775 F	L 885 F	L 995 F	L 10105 F
		List Each	$ .60	$ .70	$ 1.00	$ 1.50	$ 1.95	$ 3.35	$ 7.45	$ 8.60	$ 18.10	$ 20.10
	1-8 Female	Cat. No.	L 116 F	L 226 F	L 336 F	L 446 F	L 556 F	L 666 F	L 776 F	L 886 F	L 996 F	L 10106 F
		List Each	$ .60	$ .70	$ 1.00	$ 1.50	$ 1.95	$ 3.35	$ 7.45	$ 8.60	$ 18.10	$ 20.10
	3-8 Male	Cat. No.	L 117 F	L 227 F	L 337 F	L 447 F	L 557 F	L 667 F	L 777 F	L 887 F	L 997 F	L 10107 F
		List Each	$ .65	$ .75	$ 1.05	$ 1.55	$ 2.00	$ 3.40	$ 7.50	$ 8.65	$ 18.15	$ 20.15
	3-8 Female	Cat. No.	L 118 F	L 228 F	L 338 F	L 448 F	L 558 F	L 668 F	L 778 F	L 888 F	L 998 F	L 10108 F
		List Each	$ .65	$ .75	$ 1.05	$ 1.55	$ 2.00	$ 3.40	$ 7.50	$ 8.65	$ 18.15	$ 20.15
PORCELAIN NIPPLE	1-8 Male	Cat. No.	L 119 F	L 229 F	L 339 F	L 449 F	L 559 F	L 669 F	L 779 F	L 889 F	L 999 F	L 10109 F
		List Each	$ .65	$ .75	$ 1.08	$ 1.62	$ 2.09	$ 3.55	$ 7.75	$ 9.05	$ 18.55	$ 20.55
	1-8 Female	Cat. No.	L 1110 F	L 2210 F	L 3310 F	L 4410 F	L 5510 F	L 6610 F	L 7710 F	L 8810 F	L 9910 F	L 101010 F
		List Each	$ .65	$ .75	$ 1.08	$ 1.62	$ 2.09	$ 3.55	$ 7.75	$ 9.05	$ 18.55	$ 20.55
	3-8 Male	Cat. No.	L 1111 F	L 2211 F	L 3311 F	L 4411 F	L 5511 F	L 6611 F	L 7711 F	L 8811 F	L 9911 F	L 101011 F
		List Each	$ .75	$ .86	$ 1.18	$ 1.72	$ 2.19	$ 3.65	$ 7.85	$ 9.20	$ 18.70	$ 20.70
	3-8 Female	Cat. No.	L 1112 F	L 2212 F	L 3312 F	L 4412 F	L 5512 F	L 6612 F	L 7712 F	L 8812 F	L 9912 F	L 101012 F
		List Each	$ .75	$ .86	$ 1.18	$ 1.72	$ 2.19	$ 3.65	$ 7.85	$ 9.20	$ 18.70	$ 20.70
	Blank Metal	Cat. No.	L 1100 F	L 2200 F	L 3300 F	L 4400 F	L 5500 F	L 6600 F	L 7700 F	L 8800 F	L 9900 F	L 101000 F
		List Each	$ .48	$ .56	$ .88	$ 1.36	$ 1.82	$ 3.21	$ 7.30	$ 8.45	$ 17.90	$ 19.90

Type "LF" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
Catalogue Number	L 11 F	L 22 F	L 33 F	L 44 F	L 55 F	L 66 F	L 77 F	L 88 F	L 99 F	L 1010 F
Standard Pkg. as'td*	200	100	50	20	10	5	5	5	5	5
Unit Pkg. not as'td.	10	5	5	1	1	1	1	1	1	1
List Price Each	$ .40	$ .45	$ .65	$ 1.04	$ 1.37	$ 2.65	$ 6.55	$ 7.70	$ 17.10	$ 19.10

*All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.

*"LF," "LB," "LL" and "LR" Condulets of the same size may be assorted to make up a Standard Package regardless of style of cover.

Covers of all Condulets of the same size are interchangeable.

TYPE "LB" CONDULETS—Tapped for Rigid Conduit

L 112 B

L 118 B

L 1100 B

Type "LB" Condulets Complete With Covers Attached

STYLE OF COVER		Size of Conduit	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
		Std. Pk. As'td*	200	100	50	20	10	5	5	5	5	5
		Unit Package	10	5	5	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	L 111 B	L 221 B	L 331 B	L 441 B	L 551 B	L 661 B	L 771 B	L 881 B	L 991 B	L 10101 B
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	2 Wire	Cat. No.	L 112 B	L 222 B	L 332 B	L 442 B	L 552 B	L 662 B	L 772 B	L 882 B	L 992 B	L 10102 B
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	3 Wire	Cat. No.	L 113 B	L 223 B	L 333 B	L 443 B	L 553 B	L 663 B	L 773 B	L 883 B	L 993 B	L 10103 B
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	4 Wire	Cat. No.	L11400B	L22400B	L33400B	L44400B	L55400B	L66400B	L77400B	L88400B	L99400B	L1010400B
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	5 Wire	Cat. No.	NOT	L22500B	L33500B	L44500B	L55500B	L66500B	L77500B	L88500B	L99500B	L1010500B
		List Each	MADE	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	6 Wire	Cat. No.	NOT	L22600B	L33600B	L44600B	L55600B	L66600B	L77600B	L88600B	L99600B	L1010600B
		List Each	MADE	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	7 Wire	Cat. No.	NOT	NOT	L33700B	L44700B	L55700B	L66700B	L77700B	L88700B	L99700B	L1010700B
		List Each	MADE	MADE	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	8 Wire	Cat. No.	NOT	NOT	L33800B	L44800B	L55800B	L66800B	L77800B	L88800B	L99800B	L1010800B
		List Each	MADE	MADE	$ .90	$ 1 40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	For W. P. Socket	Cat. No.	L 114 B	L 224 B	L 334 B	L 444 B	L 554 B	L 664 B	L 774 B	L 884 B	L 994 B	L 10104 B
		List Each	$ .56	$ .70	$ 1.05	$ 1.60	$ 2.10	$ 3.55	$ 7.70	$ 8.90	$ 18.45	$ 20.45
METAL NIPPLE	1-8 Male	Cat. No.	L 115 B	L 225 B	L 335 B	L 445 B	L 555 B	L 665 B	L 775 B	L 885 B	L 995 B	L 10105 B
		List Each	$ .60	$ .70	$ 1 00	$ 1.50	$ 1.95	$ 3.35	$ 7.45	$ 8.60	$ 18.10	$ 20.10
	1-8 Female	Cat. No.	L 116 B	L 226 B	L 336 B	L 446 B	L 556 B	L 666 B	L 776 B	L 886 B	L 996 B	L 10106 B
		List Each	$ .60	$ .70	$ 1.00	$ 1.50	$ 1.95	$ 3.35	$ 7.45	$ 8.60	$ 18.10	$ 20.10
	3-8 Male	Cat. No.	L 117 B	L 227 B	L 337 B	L 447 B	L 557 B	L 667 B	L 777 B	L 887 B	L 997 B	L 10107 B
		List Each	$ .65	$ .75	$ 1.05	$ 1.55	$ 2.00	$ 3.40	$ 7.50	$ 8.65	$ 18.15	$ 20.15
	3-8 Female	Cat. No.	L 118 B	L 228 B	L 338 B	L 448 B	L 558 B	L 668 B	L 778 B	L 888 B	L 998 B	L 10108 B
		List Each	$ .65	$ .75	$ 1.05	$ 1.55	$ 2.00	$ 3.40	$ 7.50	$ 8.65	$ 18.15	$ 20.15
PORCELAIN NIPPLE	1-8 Male	Cat. No.	L 119 B	L 229 B	L 339 B	L 449 B	L 559 B	L 669 B	L 779 B	L 889 B	L 999 B	L 10109 B
		List Each	$ .65	$ .75	$ 1 08	$ 1.62	$ 2.09	$ 3.55	$ 7.75	$ 9.05	$ 18.55	$ 20.55
	1-8 Female	Cat. No.	L 1110 B	L 2210 B	L 3310 B	L 4410 B	L 5510 B	L 6610 B	L 7710 B	L 8810 B	L 9910 B	L 101010 B
		List Each	$ .65	$ .75	$ 1.08	$ 1.62	$ 2.09	$ 3.55	$ 7.75	$ 9.05	$ 18.55	$ 20.55
	3-8 Male	Cat. No.	L 1111 B	L 2211 B	L 3311 B	L 4411 B	L 5511 B	L 6611 B	L 7711 B	L 8811 B	L 9911 B	L 101011 B
		List Each	$ .75	$ .86	$ 1.18	$ 1.72	$ 2.19	$ 3.65	$ 7.85	$ 9.20	$ 18.70	$ 20.70
	3-8 Female	Cat. No.	L 1112 B	L 2212 B	L 3312 B	L 4412 B	L 5512 B	L 6612 B	L 7712 B	L 8812 B	L 9912 B	L 101012 B
		List Each	$ .75	$ .86	$ 1.18	$ 1.72	$ 2.19	$ 3.65	$ 7.85	$ 9.20	$ 18.70	$ 20.70
	Blank Metal	Cat. No.	L 1100 B	L 2200 B	L 3300 B	L 4400 B	L 5500 B	L 6600 B	L 7700 B	L 8800 B	L 9900 B	L 101000 B
		List Each	$ .48	$ .56	$ .88	$ 1.36	$ 1.82	$ 3.21	$ 7.30	$ 8.45	$ 17.90	$ 19.90

Type "LB" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
Catalogue Number	L 11 B	L 22 B	L 33 B	L 44 B	L 55 B	L 66 B	L 77 B	L 88 B	L 99 B	L 1010 B
Standard Pkg. as'td*	200	100	50	20	10	5	5	5	5	5
Unit Pkg. not as'td.	10	5	5	1	1	1	1	1	1	1
List Price Each	$ .40	$ .45	$ .65	$ 1.04	$ 1.37	$ 2.65	$ 6.55	$ 7.70	$ 17.10	$ 19.10

*All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.

*"LB," "LF," "LL" and "LR" Condulets of the same size may be assorted to make up a Standard Package regardless of style of cover.

Covers of all Condulets of the same size are interchangeable.

TYPE "LR" CONDULETS—Tapped for Rigid Conduit

RIGHT HAND

L 111 R

L 1100 R

L 1110 R

Type "LR" (Right Hand) Condulets Complete With Covers Attached

STYLE OF COVER		Size of Conduit	½ Inch	¾ Inch	1 Inch	1¼ Inch	1½ Inch	2 Inch	2½ Inch	3 Inch	3½ Inch	4 Inch
		Std. Pk. As'td*	200	100	50	20	10	5	5	5	5	5
		Unit Package	10	5	5	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	L 111 R	L 221 R	L 331 R	L 441 R	L 551 R	L 661 R	L 771 R	L 881 R	L 991 R	L 10101 R
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	2 Wire	Cat. No.	L 112 R	L 222 R	L 332 R	L 442 R	L 552 R	L 662 R	L 772 R	L 882 R	L 992 R	L 10102 R
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	3 Wire	Cat. No.	L 113 R	L 223 R	L 333 R	L 443 R	L 553 R	L 663 R	L 773 R	L 883 R	L 993 R	L 10103 R
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	4 Wire	Cat. No.	L11400R	L22400R	L33400R	L44400R	L55400R	L66400R	L77400R	L88400R	L99400R	L1010400R
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	5 Wire	Cat. No.	NOT	L22500R	L33500R	L44500R	L55500R	L66500R	L77500R	L88500R	L99500R	L1010500R
		List Each	MADE	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	6 Wire	Cat. No.	NOT	L22600R	L33600R	L44600R	L55600R	L66600R	L77600R	L88600R	L99600R	L1010600R
		List Each	MADE	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	7 Wire	Cat. No.	NOT	NOT	L33700R	L44700R	L55700R	L66700R	L77700R	L88700R	L99700R	L1010700R
		List Each	MADE	MADE	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	8 Wire	Cat. No.	NOT	NOT	L33800R	L44800R	L55800R	L66800R	L77800R	L88800R	L99800R	L1010800R
		List Each	MADE	MADE	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	For W. P. Socket	Cat. No.	L 114 R	L 224 R	L 334 R	L 444 R	L 554 R	L 664 R	L 774 R	L 884 R	L 994 R	L 10104 R
		List Each	$ .56	$ .70	$ 1.05	$ 1.60	$ 2.10	$ 3.55	$ 7.70	$ 8.90	$ 18.45	$ 20.45
METAL NIPPLE	1-8 Male	Cat. No.	L 115 R	L 225 R	L 335 R	L 445 R	L 555 R	L 665 R	L 775 R	L 885 R	L 995 R	L 10105 R
		List Each	$ .60	$ .70	$ 1.00	$ 1.50	$ 1.95	$ 3.35	$ 7.45	$ 8.60	$ 18.10	$ 20.10
	1-8 Female	Cat. No.	L 116 R	L 226 R	L 336 R	L 446 R	L 556 R	L 666 R	L 776 R	L 886 R	L 996 R	L 10106 R
		List Each	$ .60	$ .70	$ 1.00	$ 1.50	$ 1.95	$ 3.35	$ 7.45	$ 8.60	$ 18.10	$ 20.10
	3-8 Male	Cat. No.	L 117 R	L 227 R	L 337 R	L 447 R	L 557 R	L 667 R	L 777 R	L 887 R	L 997 R	L 10107 R
		List Each	$ .65	$ .75	$ 1.05	$ 1.55	$ 2.00	$ 3.40	$ 7.50	$ 8.65	$ 18.15	$ 20.15
	3-8 Female	Cat. No.	L 118 R	L 228 R	L 338 R	L 448 R	L 558 R	L 668 R	L 778 R	L 888 R	L 998 R	L 10108 R
		List Each	$ .65	$ .75	$ 1.05	$ 1.55	$ 2.00	$ 3.40	$ 7.50	$ 8.65	$ 18.15	$ 20.15
PORCELAIN NIPPLE	1-8 Male	Cat. No.	L 119 R	L 229 R	L 339 R	L 449 R	L 559 R	L 669 R	L 779 R	L 889 R	L 999 R	L 10109 R
		List Each	$ .65	$ .75	$ 1.08	$ 1.62	$ 2.09	$ 3.55	$ 7.75	$ 9.05	$ 18.55	$ 20.55
	1-8 Female	Cat. No.	L 1110 R	L 2210 R	L 3310 R	L 4410 R	L 5510 R	L 6610 R	L 7710 R	L 8810 R	L 9910 R	L 101010 R
		List Each	$ .65	$ .75	$ 1.08	$ 1.62	$ 2.09	$ 3.55	$ 7.75	$ 9.05	$ 18.55	$ 20.55
	3-8 Male	Cat. No.	L 1111 R	L 2211 R	L 3311 R	L 4411 R	L 5511 R	L 6611 R	L 7711 R	L 8811 R	L 9911 R	L 101011 R
		List Each	$ .75	$ .86	$ 1.18	$ 1.72	$ 2.19	$ 3.65	$ 7.85	$ 9.20	$ 18.70	$ 20.70
	3-8 Female	Cat. No.	L 1112 R	L 2212 R	L 3312 R	L 4412 R	L 5512 R	L 6612 R	L 7712 R	L 8812 R	L 9912 R	L 101012 R
		List Each	$ .75	$ .86	$ 1.18	$ 1.72	$ 2.19	$ 3.65	$ 7.85	$ 9.20	$ 18.70	$ 20.70
	Blank Metal	Cat. No.	L 1100 R	L 2200 R	L 3300 R	L 4400 R	L 5500 R	L 6600 R	L 7700 R	L 8800 R	L 9900 R	L 101000 R
		List Each	$ .48	$ .56	$ .88	$ 1.36	$ 1.82	$ 3.21	$ 7.30	$ 8.45	$ 17.90	$ 19.90

Type "LR" (Right Hand) Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	½ Inch	¾ Inch	1 Inch	1¼ Inch	1½ Inch	2 Inch	2½ Inch	3 Inch	3½ Inch	4 Inch
Catalogue Number	L 11 R	L 22 R	L 33 R	L 44 R	L 55 R	L 66 R	L 77 R	L 88 R	L 99 R	L 1010 R
Std. Pkg. assorted*	200	100	50	20	10	5	5	5	5	5
Unit Pkg. not as'td	10	5	5	1	1	1	1	1	1	1
List Price Each	$ .40	$ .45	$ .65	$ 1.04	$ 1.37	$ 2.65	$ 6.55	$ 7.70	$ 17.10	$ 19.10

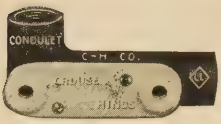
***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

***"LR," "LB," "LF" and "LL" Condulets of the same size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets of the same size are interchangeable.

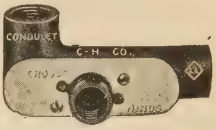
TYPE "LL" CONDULETS—Tapped for Rigid Conduit

LEFT HAND



L 112 L

L 115 L



L 1112 L

Type "LL" (Left Hand) Condulets Complete With Covers Attached

STYLE OF COVER		Size of Conduit	½ Inch	¾ Inch	1 Inch	1¼ Inch	1½ Inch	2 Inch	2½ Inch	3 Inch	3½ Inch	4 Inch
		Std. Pk. As'td*	200	100	50	20	10	5	5	5	5	5
		Unit Package	10	5	5	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	L 111 L	L 221 L	L 331 L	L 441 L	L 551 L	L 661 L	L 771 L	L 881 L	L 991 L	L 10101 L
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	2 Wire	Cat. No.	L 112 L	L 222 L	L 332 L	L 442 L	L 552 L	L 662 L	L 772 L	L 882 L	L 992 L	L 10102 L
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	3 Wire	Cat. No.	L 113 L	L 223 L	L 333 L	L 443 L	L 552 L	L 663 L	L 773 L	L 883 L	L 993 L	L 10103 L
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	4 Wire	Cat. No.	L 11400L	L 22400L	L 33400L	L 44400L	L 55400L	L 66400L	L 77400L	L 88400L	L 99400L	L 1010400L
		List Each	$ .50	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	5 Wire	Cat. No.	NOT	L 22500L	L 33500L	L 44500L	L 55500L	L 66500L	L 77500L	L 88500L	L 99500L	L 1010500L
		List Each	MADE	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	6 Wire	Cat. No.	NOT	L 22600L	L 33600L	L 44600L	L 55600L	L 66600L	L 77600L	L 88600L	L 99600L	L 1010600L
		List Each	MADE	$ .60	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	7 Wire	Cat. No.	NOT	NOT	L 33700L	L 44700L	L 55700L	L 66700L	L 77700L	L 88700L	L 99700L	L 1010700L
		List Each	MADE	MADE	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	8 Wire	Cat. No.	NOT	NOT	L 33800L	L 44800L	L 55800L	L 66800L	L 77800L	L 88800L	L 99800L	L 1010800L
		List Each	MADE	MADE	$ .90	$ 1.40	$ 1.85	$ 3.25	$ 7.35	$ 8.50	$ 18.00	$ 20.00
	For W. P. Socket	Cat. No.	L 114 L	L 224 L	L 334 L	L 444 L	L 554 L	L 634 L	L 774 L	L 884 L	L 994 L	L 10104 L
		List Each	$ .56	$ .70	$ 1.05	$ 1.60	$ 2.10	$ 3.55	$ 7.70	$ 8.90	$ 18.45	$ 20.45
METAL NIPPLE	1-8 Male	Cat. No.	L 115 L	L 225 L	L 335 L	L 445 L	L 555 L	L 665 L	L 775 L	L 885 L	L 995 L	L 10105 L
		List Each	$ .60	$ .70	$ 1.00	$ 1.50	$ 1.95	$ 3.35	$ 7.45	$ 8.60	$ 18.10	$ 20.10
	1-8 Female	Cat. No.	L 116 L	L 226 L	L 336 L	L 446 L	L 556 L	L 636 L	L 776 L	L 886 L	L 996 L	L 10106 L
		List Each	$ .60	$ .70	$ 1.00	$ 1.50	$ 1.95	$ 3.35	$ 7.45	$ 8.60	$ 18.10	$ 20.10
	3-8 Male	Cat. No.	L 117 L	L 227 L	L 337 L	L 447 L	L 557 L	L 667 L	L 777 L	L 887 L	L 997 L	L 10107 L
		List Each	$ .65	$ .75	$ 1.05	$ 1.55	$ 2.00	$ 3.40	$ 7.50	$ 8.65	$ 18.15	$ 20.15
	3-8 Female	Cat. No.	L 118 L	L 228 L	L 338 L	L 448 L	L 558 L	L 668 L	L 778 L	L 888 L	L 998 L	L 10108 L
		List Each	$ .65	$ .75	$ 1.05	$ 1.55	$ 2.00	$ 3.40	$ 7.50	$ 8.65	$ 18.15	$ 20.15
PORCELAIN NIPPLE	1-8 Male	Cat. No.	L 119 L	L 229 L	L 339 L	L 449 L	L 559 L	L 669 L	L 779 L	L 889 L	L 999 L	L 10109 L
		List Each	$ .65	$ .75	$ 1.08	$ 1.62	$ 2.09	$ 3.55	$ 7.75	$ 9.05	$ 18.55	$ 20.55
	1-8 Female	Cat. No.	L 1110 L	L 2210 L	L 3310 L	L 4410 L	L 5510 L	L 6610 L	L 7710 L	L 8810 L	L 9910 L	L 101010 L
		List Each	$ .65	$ .75	$ 1.08	$ 1.62	$ 2.09	$ 3.55	$ 7.75	$ 9.05	$ 18.55	$ 20.55
	3-8 Male	Cat. No.	L 1111 L	L 2211 L	L 3311 L	L 4411 L	L 5511 L	L 6611 L	L 7711 L	L 8811 L	L 9911 L	L 101011 L
		List Each	$ .75	$ .86	$ 1.18	$ 1.72	$ 2.19	$ 3.65	$ 7.85	$ 9.20	$ 18.70	$ 20.70
	3-8 Female	Cat. No.	L 1112 L	L 2212 L	L 3312 L	L 4412 L	L 5512 L	L 6612 L	L 7712 L	L 8812 L	L 9912 L	L 101012 L
		List Each	$ .75	$ .86	$ 1.18	$ 1.72	$ 2.19	$ 3.65	$ 7.85	$ 9.20	$ 18.70	$ 20.70
	Blank Metal	Cat. No.	L 1100 L	L 2200 L	L 3300 L	L 4400 L	L 5500 L	L 6600 L	L 7700 L	L 8800 L	L 9900 L	L 101000 L
		List Each	$ .48	$ .56	$ .88	$ 1.36	$ 1.82	$ 3.21	$ 7.30	$ 8.45	$ 17.90	$ 19.90

Type "LL" (Left Hand) Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	½ Inch	¾ Inch	1 Inch	1¼ Inch	1½ Inch	2 Inch	2½ Inch	3 Inch	3½ Inch	4 Inch
Catalogue Number	L 11 L	L 22 L	L 33 L	L 44 L	L 55 L	L 66 L	L 77 L	L 88 L	L 99 L	L 1010 L
Std. Pkg. assorted*	200	100	50	20	10	5	5	5	5	5
Unit Pkg. not as'td	10	5	5	1	1	1	1	1	1	1
List Price Each	$ .40	$ .45	$ .65	$ 1.04	$ 1.37	$ 2.65	$ 6.55	$ 7.70	$ 17.10	$ 19.10

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

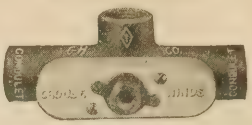
****"LL," "LB," "LF" and "LR" Condulets of the same size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets of the same size are interchangeable.

TYPE "T" CONDULETS—½ and ¾ Inch Mains

T 1111

T 11100



T 11110

Type "T" Condulets, Tapped for Rigid Conduit, Complete With Covers Attached

STYLE OF COVER		Size of Conduit	½ T ½	½ T ¾	½ T 1	¾ T ¾	¾ T ¾	¾ T 1	¾ T 1¼
		Std. Pkg. As'td*	150	100	100	75	75	50	50
		Unit Package	10	5	5	5	5	5	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No. / List Each	T 1111 / $ .58	T 1211 / $ .66	T 1311 / $ .73	T 2121 / $ .72	T 2221 / $ .72	T 2321 / $ .80	T 2421 / $ .92
	2 Wire	Cat. No. / List Each	T 1112 / $ .58	T 1212 / $ .66	T 1312 / $ .73	T 2122 / $ .72	T 2222 / $ .72	T 2322 / $ .80	T 2422 / $ .92
	3 Wire	Cat. No. / List Each	T 1113 / $ .58	T 1213 / $ .66	T 1313 / $ .73	T 2123 / $ .72	T 2223 / $ .72	T 2323 / $ .80	T 2423 / $ .92
	4 Wire	Cat. No. / List Each	T 111400 / $ .58	T 121400 / $ .66	T 131400 / $ .73	T 212400 / $ .72	T 222400 / $ .72	T 232400 / $ .80	T 242400 / $ .92
	5 Wire	Cat. No. / List Each	NOT MADE	NOT MADE	NOT MADE	T 212500 / $ .72	T 222500 / $ .72	T 232500 / $ .80	T 242500 / $ .92
	6 Wire	Cat. No. / List Each	NOT MADE	NOT MADE	NOT MADE	T 212600 / $ .72	T 222600 / $ .72	T 232600 / $ .80	T 242600 / $ .92
	7 Wire	Cat. No. / List Each	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE
	8 Wire	Cat. No. / List Each	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE
	For W. P. Socket	Cat. No. / List Each	T 1114 / $ .64	T 1214 / $ .72	T 1314 / $ .79	T 2124 / $ .82	T 2224 / $ .82	T 2324 / $ .90	T 2424 / $ 1.02
METAL NIPPLE	1-8 Male	Cat. No. / List Each	T 1115 / $ .68	T 1215 / $ .76	T 1315 / $ .83	T 2125 / $ .82	T 2225 / $ .82	T 2325 / $ .90	T 2425 / $ 1.02
	1-8 Female	Cat. No. / List Each	T 1116 / $ .68	T 1216 / $ .76	T 1316 / $ .83	T 2126 / $ .82	T 2226 / $ .82	T 2326 / $ .90	T 2426 / $ 1.02
	3-8 Male	Cat. No. / List Each	T 1117 / $ .73	T 1217 / $ .81	T 1317 / $ .88	T 2127 / $ .87	T 2227 / $ .87	T 2327 / $ .95	T 2427 / $ 1.07
	3-8 Female	Cat. No. / List Each	T 1118 / $ .73	T 1218 / $ .81	T 1318 / $ .88	T 2128 / $ .87	T 2228 / $ .87	T 2328 / $ .95	T 2428 / $ 1.07
PORCELAIN NIPPLE	1-8 Male	Cat. No. / List Each	T 1119 / $ .73	T 1219 / $ .81	T 1319 / $ .88	T 2129 / $ .87	T 2229 / $ .87	T 2329 / $ .95	T 2429 / $ 1.07
	1-8 Female	Cat. No. / List Each	T 11110 / $ .73	T 12110 / $ .81	T 13110 / $ .88	T 21210 / $ .87	T 22210 / $ .87	T 23210 / $ .95	T 24210 / $ 1.07
	3-8 Male	Cat. No. / List Each	T 11111 / $ .83	T 12111 / $ .91	T 13111 / $ .98	T 21211 / $ .98	T 22211 / $ .98	T 23211 / $ 1.06	T 24211 / $ 1.18
	3-8 Female	Cat. No. / List Each	T 11112 / $ .83	T 12112 / $ .91	T 13112 / $ .98	T 21212 / $ .98	T 22212 / $ .98	T 23212 / $ 1.06	T 24212 / $ 1.18
	Blank Metal	Cat. No. / List Each	T 11100 / $ .56	T 12100 / $ .64	T 13100 / $ .71	T 21200 / $ .68	T 22200 / $ .68	T 23200 / $ .76	T 24200 / $ .88

Type "T" Condulet Castings, Tapped for Rigid Conduit, Without Covers, but with Cover Screws

SIZE OF CONDUIT	½ x ½ x ½	½ x ¾ x ½	½ x 1 x ½	¾ x ½ x ¾	¾ x ¾ x ¾	¾ x 1 x ¾	¾ x 1¼ x ¾
Catalogue Number	T 111	T 121	T 131	T 212	T 222	T 232	T 242
Std. Package not assorted	150	100	100	75	75	50	50
Unit Package not assorted	10	5	5	5	5	5	1
List Price Each	$ .48	$ .56	$ .63	$ .57	$ .57	$ .65	$ .77

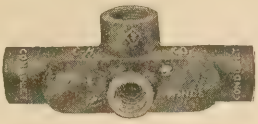
Any assortment of type "T" Condulets, with ½ inch mains or any assortment of type "T" Condulets, with ¾ inch mains and with covers, aggregating a total number of 250 and 200 respectively, entitles the purchaser to Standard Package discount. Standard Package discount is allowed on the same assortment of type "T" Condulets, without covers.

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets having the same size mains are interchangeable.

TYPE "T" CONDULETS—1 Inch Mains

T 3333



T 3338

T 33311

Type "T" Condulets, Tapped for Rigid Conduit, Complete With Covers Attached

STYLE OF COVER		Size of Conduit	1"T" ½	1"T" ¾	1"T" 1	1"T" 1¼	1"T" 1½	1"T" 2
		Std. Pkg. As'td*	50	50	50	50	50	50
		Unit Package	5	5	5	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No. / List Each	T 3131 / $ 1.05	T 3231 / $ 1.05	T 3331 / $ 1.05	T 3431 / $ 1.22	T 3531 / $ 1.40	T 3631 / $ 1.70
	2 Wire	Cat. No. / List Each	T 3132 / $ 1.05	T 3232 / $ 1.05	T 3332 / $ 1.05	T 3432 / $ 1.22	T 3532 / $ 1.40	T 3632 / $ 1.70
	3 Wire	Cat. No. / List Each	T 3133 / $ 1.05	T 3233 / $ 1.05	T 3333 / $ 1.05	T 3433 / $ 1.22	T 3533 / $ 1.40	T 3633 / $ 1.70
	4 Wire	Cat. No. / List Each	T 313400 / $ 1.05	T 323400 / $ 1.05	T 333400 / $ 1.05	T 343400 / $ 1.22	T 353400 / $ 1.40	T 363400 / $ 1.70
	5 Wire	Cat. No. / List Each	T 313500 / $ 1.05	T 323500 / $ 1.05	T 333500 / $ 1.05	T 343500 / $ 1.22	T 353500 / $ 1.40	T 363500 / $ 1.70
	6 Wire	Cat. No. / List Each	T 313600 / $ 1.05	T 323600 / $ 1.05	T 333600 / $ 1.05	T 343600 / $ 1.22	T 353600 / $ 1.40	T 363600 / $ 1.70
	7 Wire	Cat. No. / List Each	T 313700 / $ 1.05	T 323700 / $ 1.05	T 333700 / $ 1.05	T 343700 / $ 1.22	T 353700 / $ 1.40	T 363700 / $ 1.70
	8 Wire	Cat. No. / List Each	T 313800 / $ 1.05	T 323800 / $ 1.05	T 333800 / $ 1.05	T 343800 / $ 1.22	T 353800 / $ 1.40	T 363800 / $ 1.70
	For W. P. Socket	Cat. No. / List Each	T 3134 / $ 1.20	T 3234 / $ 1.20	T 3334 / $ 1.20	T 3434 / $ 1.37	T 3534 / $ 1.55	T 3634 / $ 1.85
METAL NIPPLE	1-8 Male	Cat. No. / List Each	T 3135 / $ 1.15	T 3235 / $ 1.15	T 3335 / $ 1.15	T 3435 / $ 1.32	T 3535 / $ 1.50	T 3635 / $ 1.80
	1-8 Female	Cat. No. / List Each	T 3136 / $ 1.15	T 3236 / $ 1.15	T 3336 / $ 1.15	T 3436 / $ 1.32	T 3536 / $ 1.50	T 3636 / $ 1.80
	3-8 Male	Cat. No. / List Each	T 3137 / $ 1.20	T 3237 / $ 1.20	T 3337 / $ 1.20	T 3437 / $ 1.37	T 3537 / $ 1.55	T 3637 / $ 1.85
	3-8 Female	Cat. No. / List Each	T 3138 / $ 1.20	T 3238 / $ 1.20	T 3338 / $ 1.20	T 3438 / $ 1.37	T 3538 / $ 1.55	T 3638 / $ 1.85
PORCELAIN NIPPLE	1-8 Male	Cat. No. / List Each	T 3139 / $ 1.23	T 3239 / $ 1.23	T 3339 / $ 1.23	T 3439 / $ 1.40	T 3539 / $ 1.58	T 3639 / $ 1.88
	1-8 Female	Cat. No. / List Each	T 31310 / $ 1.23	T 32310 / $ 1.23	T 33310 / $ 1.23	T 34310 / $ 1.40	T 35310 / $ 1.58	T 36310 / $ 1.88
	3-8 Male	Cat. No. / List Each	T 31311 / $ 1.33	T 32311 / $ 1.33	T 33311 / $ 1.33	T 34311 / $ 1.50	T 35311 / $ 1.68	T 36311 / $ 1.98
	3-8 Female	Cat. No. / List Each	T 31312 / $ 1.33	T 32312 / $ 1.33	T 33312 / $ 1.33	T 34312 / $ 1.50	T 35312 / $ 1.68	T 36312 / $ 1.98
	Blank Metal	Cat. No. / List Each	T 31300 / $ 1.03	T 32300 / $ 1.03	T 33300 / $ 1.03	T 34300 / $ 1.20	T 35300 / $ 1.38	T 36300 / $ 1.68

Type "T" Condulet Castings, Tapped for Rigid Conduit, Without Covers, but with Cover Screws

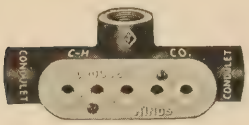
SIZE OF CONDUIT	1×½×1	1×¾×1	1×1×1	1×1¼×1	1×1½×1	1×2×1
Catalogue Number	T 313	T 323	T 333	T 343	T 353	T 363
Std. Package not assorted	50	50	50	50	50	50
Unit Package not assorted	5	5	5	1	1	1
List Price Each	$ .80	$ .80	$ .80	$ .97	$ 1.15	$ 1.45

Any assortment of type "T" Condulets, with 1-inch mains and with covers, aggregating a total number of 150, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of type "T" Condulets, without covers.

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets having the same size mains are interchangeable.

TYPE "T" CONDULETS—1¼ Inch Mains



T 444500

T 4446

T 44412

Type "T" Condulets, Tapped for Rigid Conduit, Complete With Covers Attached

STYLE OF COVER		Size of Conduit	1¼ T 1¼×½	1¼ T 1¼×¾	1¼ T 1¼×1	1¼ T 1¼×1¼	1¼ T 1¼×1½	1¼ T 1¼×2
		Std. Pkg. As'td*	20	20	20	20	20	20
		Unit Package	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No. / List Each	T 4141 / $ 1.58	T 4241 / $ 1.58	T 4341 / $ 1.58	T 4441 / $ 1.58	T 4541 / $ 1.86	T 4641 / $ 2.32
	2 Wire	Cat. No. / List Each	T 4142 / $ 1.58	T 4242 / $ 1.58	T 4342 / $ 1.58	T 4442 / $ 1.58	T 4542 / $ 1.86	T 4642 / $ 2.32
	3 Wire	Cat. No. / List Each	T 4143 / $ 1.58	T 4243 / $ 1.58	T 4343 / $ 1.58	T 4443 / $ 1.58	T 4543 / $ 1.86	T 4643 / $ 2.32
	4 Wire	Cat. No. / List Each	T 414400 / $ 1.58	T 424400 / $ 1.58	T 434400 / $ 1.58	T 444400 / $ 1.58	T 454400 / $ 1.86	T 464400 / $ 2.32
	5 Wire	Cat. No. / List Each	T 414500 / $ 1.58	T 424500 / $ 1.58	T 434500 / $ 1.58	T 444500 / $ 1.58	T 454500 / $ 1.86	T 464500 / $ 2.32
	6 Wire	Cat. No. / List Each	T 414600 / $ 1.58	T 424600 / $ 1.58	T 434600 / $ 1.58	T 444600 / $ 1.58	T 454600 / $ 1.86	T 464600 / $ 2.32
	7 Wire	Cat. No. / List Each	T 414700 / $ 1.58	T 424700 / $ 1.58	T 434700 / $ 1.58	T 444700 / $ 1.58	T 454700 / $ 1.86	T 464700 / $ 2.32
	8 Wire	Cat. No. / List Each	T 414800 / $ 1.58	T 424800 / $ 1.58	T 434800 / $ 1.58	T 444800 / $ 1.58	T 454800 / $ 1.86	T 464800 / $ 2.32
	For W. P. Socket	Cat. No. / List Each	T 4144 / $ 1.78	T 4244 / $ 1.78	T 4344 / $ 1.78	T 4444 / $ 1.78	T 4544 / $ 2.06	T 4644 / $ 2.52
METAL NIPPLE	1-8 Male	Cat. No. / List Each	T 4145 / $ 1.68	T 4245 / $ 1.68	T 4345 / $ 1.68	T 4445 / $ 1.68	T 4545 / $ 1.96	T 4645 / $ 2.42
	1-8 Female	Cat. No. / List Each	T 4146 / $ 1.68	T 4246 / $ 1.68	T 4346 / $ 1.68	T 4446 / $ 1.68	T 4546 / $ 1.96	T 4646 / $ 2.42
	3-8 Male	Cat. No. / List Each	T 4147 / $ 1.73	T 4247 / $ 1.73	T 4347 / $ 1.73	T 4447 / $ 1.73	T 4547 / $ 2.01	T 4647 / $ 2.47
	3-8 Female	Cat. No. / List Each	T 4148 / $ 1.73	T 4248 / $ 1.73	T 4348 / $ 1.73	T 4448 / $ 1.73	T 4548 / $ 2.01	T 4648 / $ 2.47
PORCELAIN NIPPLE	1-8 Male	Cat. No. / List Each	T 4149 / $ 1.80	T 4249 / $ 1.80	T 4349 / $ 1.80	T 4449 / $ 1.80	T 4549 / $ 2.08	T 4649 / $ 2.54
	1-8 Female	Cat. No. / List Each	T 41410 / $ 1.80	T 42410 / $ 1.80	T 43410 / $ 1.80	T 44410 / $ 1.80	T 45410 / $ 2.08	T 46410 / $ 2.54
	3-8 Male	Cat. No. / List Each	T 41411 / $ 1.80	T 42411 / $ 1.90	T 43411 / $ 1.90	T 44411 / $ 1.90	T 45411 / $ 2.18	T 46411 / $ 2.64
	3-8 Female	Cat. No. / List Each	T 41412 / $ 1.80	T 42412 / $ 1.90	T 43412 / $ 1.90	T 44412 / $ 1.90	T 45412 / $ 2.18	T 46412 / $ 2.64
	Blank Metal	Cat. No. / List Each	T 41400 / $ 1.54	T 42400 / $ 1.54	T 43400 / $ 1.54	T 44400 / $ 1.54	T 45400 / $ 1.82	T 46400 / $ 2.28

Type "T" Condulet Castings, Tapped for Rigid Conduit, Without Covers, but With Cover Screws

SIZE OF CONDUIT	1¼ x ½ x 1¼	1¼ x ¾ x 1¼	1¼ x 1 x 1¼	1¼ x 1¼ x 1¼	1¼ x 1½ x 1¼	1¼ x 2 x 1¼
Catalogue Number	T 414	T 424	T 434	T 444	T 454	T 464
Std. Package not assorted	20	20	20	20	20	20
Unit Package not assorted	1	1	1	1	1	1
List Price Each	$ 1.22	$ 1.22	$ 1.22	$ 1.22	$ 1.50	$ 1.96

Any assortment of type "T" Condulets, with 1¼-inch mains and with covers, aggregating a total number of 75, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of type "T" Condulets, without covers.

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets having the same size mains are interchangeable.

TYPE "T" CONDULETS—1½ Inch Mains

T 5552

T 5558

T 55511

Type "T" Condulets, Tapped for Rigid Conduit, Complete With Covers Attached

STYLE OF COVER		Size of Conduit	1½ T 1½	1½ T ¾	1½ T 1	1½ T 1¼	1½ T 1½	1½ T 2
		Std. Pkg. As'td*	10	10	10	10	10	5
		Unit Package	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No. / List Each	T 5151 / $ 2.17	T 5251 / $ 2.17	T 5351 / $ 2.17	T 5451 / $ 2.17	T 5551 / $ 2.17	T 5651 / $ 3.00
	2 Wire	Cat. No. / List Each	T 5152 / $ 2.17	T 5252 / $ 2.17	T 5352 / $ 2.17	T 5452 / $ 2.17	T 5552 / $ 2.17	T 5652 / $ 3.00
	3 Wire	Cat. No. / List Each	T 5153 / $ 2.17	T 5253 / $ 2.17	T 5353 / $ 2.17	T 5453 / $ 2.17	T 5553 / $ 2.17	T 5653 / $ 3.00
	4 Wire	Cat. No. / List Each	T 515400 / $ 2.17	T 525400 / $ 2.17	T 535400 / $ 2.17	T 545400 / $ 2.17	T 555400 / $ 2.17	T 565400 / $ 3.00
	5 Wire	Cat. No. / List Each	T 515500 / $ 2.17	T 525500 / $ 2.17	T 535500 / $ 2.17	T 545500 / $ 2.17	T 555500 / $ 2.17	T 565500 / $ 3.00
	6 Wire	Cat. No. / List Each	T 515600 / $ 2.17	T 525600 / $ 2.17	T 535600 / $ 2.17	T 545600 / $ 2.17	T 555600 / $ 2.17	T 565600 / $ 3.00
	7 Wire	Cat. No. / List Each	T 515700 / $ 2.17	T 525700 / $ 2.17	T 535700 / $ 2.17	T 545700 / $ 2.17	T 555700 / $ 2.17	T 565700 / $ 3.00
	8 Wire	Cat. No. / List Each	T 515800 / $ 2.17	T 525800 / $ 2.17	T 535800 / $ 2.17	T 545800 / $ 2.17	T 555800 / $ 2.17	T 565800 / $ 3.00
	For W. P. Socket	Cat. No. / List Each	T 5154 / $ 2.42	T 5254 / $ 2.42	T 5354 / $ 2.42	T 5454 / $ 2.42	T 5554 / $ 2.42	T 5654 / $ 3.25
METAL NIPPLE	1-8 Male	Cat. No. / List Each	T 5155 / $ 2.27	T 5255 / $ 2.27	T 5355 / $ 2.27	T 5455 / $ 2.27	T 5555 / $ 2.27	T 5655 / $ 3.10
	1-8 Female	Cat. No. / List Each	T 5156 / $ 2.27	T 5256 / $ 2.27	T 5356 / $ 2.27	T 5456 / $ 2.27	T 5556 / $ 2.27	T 5656 / $ 3.10
	3-8 Male	Cat. No. / List Each	T 5157 / $ 2.32	T 5257 / $ 2.32	T 5357 / $ 2.32	T 5457 / $ 2.32	T 5557 / $ 2.32	T 5657 / $ 3.15
	3-8 Female	Cat. No. / List Each	T 5158 / $ 2.32	T 5258 / $ 2.32	T 5358 / $ 2.32	T 5458 / $ 2.32	T 5558 / $ 2.32	T 5658 / $ 3.15
PORCELAIN NIPPLE	1-8 Male	Cat. No. / List Each	T 5159 / $ 2.41	T 5259 / $ 2.41	T 5359 / $ 2.41	T 5459 / $ 2.41	T 5559 / $ 2.41	T 5659 / $ 3.24
	1-8 Female	Cat. No. / List Each	T 51510 / $ 2.41	T 52510 / $ 2.41	T 53510 / $ 2.41	T 54510 / $ 2.41	T 55510 / $ 2.41	T 56510 / $ 3.24
	3-8 Male	Cat. No. / List Each	T 51511 / $ 2.51	T 52511 / $ 2.51	T 53511 / $ 2.51	T 54511 / $ 2.51	T 55511 / $ 2.51	T 56511 / $ 3.34
	3-8 Female	Cat. No. / List Each	T 51512 / $ 2.51	T 52512 / $ 2.51	T 53512 / $ 2.51	T 54512 / $ 2.51	T 55512 / $ 2.51	T 56512 / $ 3.34
	Blank Metal	Cat. No. / List Each	T 51500 / $ 2.14	T 52500 / $ 2.14	T 53500 / $ 2.14	T 54500 / $ 2.14	T 55500 / $ 2.14	T 56500 / $ 2.97

Type "T" Condulet Castings, Tapped for Rigid Conduit, Without Covers, but With Cover Screws

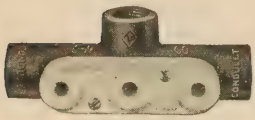
SIZE OF CONDUIT	1½ x ½ x 1½	1½ x ¾ x 1½	1½ x 1 x 1½	1½ x 1¼ x 1½	1½ x 1½ x 1½	1½ x 2 x 1½
Catalogue Number	T 515	T 525	T 535	T 545	T 555	T 565
Std. Package not assorted	10	10	10	10	10	5
Unit Package not assorted	1	1	1	1	1	1
List Price Each	$ 1.69	$ 1.69	$ 1.69	$ 1.69	$ 1.69	$ 2.52

Any assortment of type "T" Condulets, with 1½-inch mains and with covers, aggregating a total number of 30, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of type "T" Condulets, without covers.

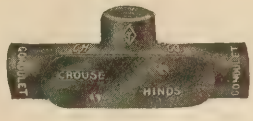
***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets having the same size mains are interchangeable.

TYPE "T" CONDULETS—2 Inch Mains



T 6663



T 66600

T 66612

Type "T" Condulets, Tapped for Rigid Conduit, Complete With Covers Attached

STYLE OF COVER		Size of Conduit	2 T 2 ½	2 T 2 ¾	2 T 2 1	2 T 2 1¼	2 T 2 1½	2 T 2 2
		Std. Pkg. As'td*	5	5	5	5	5	5
		Unit Package	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	T 6161	T 6261	T 6361	T 6461	T 6561	T 6661
		List Each	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15
	2 Wire	Cat. No.	T 6162	T 6262	T 6362	T 6462	T 6562	T 6662
		List Each	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15
	3 Wire	Cat. No.	T 6163	T 6263	T 6363	T 6463	T 6563	T 6663
		List Each	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15
	4 Wire	Cat. No.	T 616400	T 626400	T 636400	T 646400	T 656400	T 666400
		List Each	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15
	5 Wire	Cat. No.	T 616500	T 626500	T 636500	T 646500	T 656500	T 666500
		List Each	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15
	6 Wire	Cat. No.	T 616600	T 626600	T 636600	T 646600	T 656600	T 666600
		List Each	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15
	7 Wire	Cat. No.	T 616700	T 626700	T 636700	T 646700	T 656700	T 666700
		List Each	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15
	8 Wire	Cat. No.	T 616800	T 626800	T 636800	T 646800	T 656800	T 666800
		List Each	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15	$ 3.15
	For W. P. Socket	Cat. No.	T 6164	T 6264	T 6364	T 6464	T 6564	T 6664
		List Each	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45
METAL NIPPLE	1-8 Male	Cat. No.	T 6165	T 6265	T 6365	T 6465	T 6565	T 6665
		List Each	$ 3.25	$ 3.25	$ 3.25	$ 3.25	$ 3.25	$ 3.25
	1-8 Female	Cat. No.	T 6166	T 6266	T 6366	T 6466	T 6566	T 6666
		List Each	$ 3.25	$ 3.25	$ 3.25	$ 3.25	$ 3.25	$ 3.25
	3-8 Male	Cat. No.	T 6167	T 6267	T 6367	T 6467	T 6567	T 6667
		List Each	$ 3.30	$ 3.30	$ 3.30	$ 3.30	$ 3.30	$ 3.30
	3-8 Female	Cat. No.	T 6168	T 6268	T 6368	T 6468	T 6568	T 6668
		List Each	$ 3.30	$ 3.30	$ 3.30	$ 3.30	$ 3.30	$ 3.30
PORCELAIN NIPPLE	1-8 Male	Cat. No.	T 6169	T 6269	T 6369	T 6469	T 6569	T 6669
		List Each	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45
	1-8 Female	Cat. No.	T 61610	T 62610	T 63610	T 64610	T 65610	T 66610
		List Each	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45
	3-8 Male	Cat. No.	T 61611	T 62611	T 63611	T 64611	T 65611	T 66611
		List Each	$ 3.55	$ 3.55	$ 3.55	$ 3.55	$ 3.55	$ 3.55
	3-8 Female	Cat. No.	T 61612	T 62612	T 63612	T 64612	T 65612	T 66612
		List Each	$ 3.55	$ 3.55	$ 3.55	$ 3.55	$ 3.55	$ 3.55
	Blank Metal	Cat. No.	T 61600	T 62600	T 63600	T 64600	T 65600	T 66600
		List Each	$ 3.11	$ 3.11	$ 3.11	$ 3.11	$ 3.11	$ 3.11

Type "T" Condulet Castings, Tapped for Rigid Conduit, Without Covers, but with Cover Screws

SIZE OF CONDUIT	2x½x2	2x¾x2	2x1x2	2x1¼x2	2x1½x2	2x2x2
Catalogue Number	T 616	T 626	T 636	T 646	T 656	T 666
Std. Package not assorted	5	5	5	5	5	5
Unit Package not assorted	1	1	1	1	1	1
List Price Each	$ 2.55	$ 2.55	$ 2.55	$ 2.55	$ 2.55	$ 2.55

Any assortment of type "T" Condulets, with 2-inch mains and with covers, aggregating a total number of 15, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of type "T" Condulets, without covers.

*All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.

Covers of all Condulets having the same size mains are interchangeable.

TYPE "T" CONDULETS—2½ and 3 Inch Mains

T 7772

T 777500

T 88800

Type "T" Condulets, Tapped for Rigid Conduit, Complete With Covers Attached

STYLE OF COVER		Size of Conduit	2½ T 2 1½	2½ T 2½ 2	2½ T 2½ 2½	3 T 3 2	3 T 3 2½	3 T 3 3
		Std. Pkg. As'td*	5	5	5	5	5	5
		Unit Package	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No. / List Each	T 7571 / $ 8.25	T 7671 / $ 8.25	T 7771 / $ 8.25	T 8681 / $ 8.95	T 8781 / $ 8.95	T 8881 / $ 8.95
	2 Wire	Cat. No. / List Each	T 7572 / $ 8.25	T 7672 / $ 8.25	T 7772 / $ 8.25	T 8682 / $ 8.95	T 8782 / $ 8.95	T 8882 / $ 8.95
	3 Wire	Cat. No. / List Each	T 7573 / $ 8.25	T 7673 / $ 8.25	T 7773 / $ 8.25	T 8683 / $ 8.95	T 8783 / $ 8.95	T 8883 / $ 8.95
	4 Wire	Cat. No. / List Each	T 757400 / $ 8.25	T 767400 / $ 8.25	T 777400 / $ 8.25	T 868400 / $ 8.95	T 878400 / $ 8.95	T 888400 / $ 8.95
	5 Wire	Cat. No. / List Each	T 757500 / $ 8.25	T 767500 / $ 8.25	T 777500 / $ 8.25	T 868500 / $ 8.95	T 878500 / $ 8.95	T 888500 / $ 8.95
	6 Wire	Cat. No. / List Each	T 757600 / $ 8.25	T 767600 / $ 8.25	T 777600 / $ 8.25	T 868600 / $ 8.95	T 878600 / $ 8.95	T 888600 / $ 8.95
	7 Wire	Cat. No. / List Each	T 757700 / $ 8.25	T 767700 / $ 8.25	T 777700 / $ 8.25	T 868700 / $ 8.95	T 878700 / $ 8.95	T 888700 / $ 8.95
	8 Wire	Cat. No. / List Each	T 757800 / $ 8.25	T 767800 / $ 8.25	T 777800 / $ 8.25	T 868800 / $ 8.95	T 878800 / $ 8.95	T 888800 / $ 8.95
	For W. P. Socket	Cat. No. / List Each	T 7574 / $ 8.60	T 7674 / $ 8.60	T 7774 / $ 8.60	T 8684 / $ 9.35	T 8784 / $ 9.35	T 8884 / $ 9.35
METAL NIPPLE	1-8 Male	Cat. No. / List Each	T 7575 / $ 8.35	T 7675 / $ 8.35	T 7775 / $ 8.35	T 8685 / $ 9.05	T 8785 / $ 9.05	T 8885 / $ 9.05
	1-8 Female	Cat. No. / List Each	T 7576 / $ 8.35	T 7676 / $ 8.35	T 7776 / $ 8.35	T 8686 / $ 9.05	T 8786 / $ 9.05	T 8886 / $ 9.05
	3-8 Male	Cat. No. / List Each	T 7577 / $ 8.40	T 7677 / $ 8.40	T 7777 / $ 8.40	T 8687 / $ 9.10	T 8787 / $ 9.10	T 8887 / $ 9.10
	3-8 Female	Cat. No. / List Each	T 7578 / $ 8.40	T 7678 / $ 8.40	T 7778 / $ 8.40	T 8688 / $ 9.10	T 8788 / $ 9.10	T 8888 / $ 9.10
PORCELAIN NIPPLE	1-8 Male	Cat. No. / List Each	T 7579 / $ 8.65	T 7679 / $ 8.65	T 7779 / $ 8.65	T 8689 / $ 9.50	T 8789 / $ 9.50	T 8889 / $ 9.50
	1-8 Female	Cat. No. / List Each	T 75710 / $ 8.65	T 76710 / $ 8.65	T 77710 / $ 8.65	T 86810 / $ 9.50	T 87810 / $ 9.50	T 88810 / $ 9.50
	3-8 Male	Cat. No. / List Each	T 75711 / $ 8.75	T 76711 / $ 8.75	T 77711 / $ 8.75	T 86811 / $ 9.65	T 87811 / $ 9.65	T 88811 / $ 9.65
	3-8 Female	Cat. No. / List Each	T 75712 / $ 8.75	T 76712 / $ 8.75	T 77712 / $ 8.75	T 86812 / $ 9.65	T 87812 / $ 9.65	T 88812 / $ 8.65
	Blank Metal	Cat. No. / List Each	T 75700 / $ 8.20	T 76700 / $ 8.20	T 77700 / $ 8.20	T 86800 / $ 8.90	T 87800 / $ 8.90	T 88800 / $ 8.90

Type "T" Condulet Castings, Tapped for Rigid Conduit, Without Covers, but With Cover Screws

SIZE OF CONDUIT	2½x1½x2½	2½ x 2 x 2½	2½x2½x2½	3 x 2 x 3	3 x 2½ x 3	3 x 3 x 3
Catalogue Number	T 757	T 767	T 777	T 868	T 878	T 888
Std. Package not assorted	5	5	5	5	5	5
Unit Package not assorted	1	1	1	1	1	1
List Price Each	$ 7.45	$ 7.45	$ 7.45	$ 8.15	$ 8.15	$ 8.15

Any assortment of type "T" Condulets, with 2½ and 3-inch mains and with covers, aggregating a total number of 15, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of type "T" Condulets, without covers.

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets having the same size mains are interchangeable.

TYPE "T" CONDULETS—3½ and 4 Inch Mains

T 9991

T 9992

T 101000

Type "T" Condulets, Tapped for Rigid Conduit, Complete With Covers Attached

STYLE OF COVER		Size of Conduit	3½ T 2½ 3½	3½ T 3 3½	3½ T 3½ 3½	4 T 3 4	4 T 3½ 4	4 T 4 4
		Std. Pkg. As'td*	5	5	5	5	5	5
		Unit Package	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No. List Each	T 9791 $ 23.50	T 9891 $ 23.50	T 9991 $ 23.50	T 1081 $ 25.50	T 1091 $ 25.50	T 10101 $ 25.50
	2 Wire	Cat. No. List Each	T 9792 $ 23.50	T 9892 $ 23.50	T 9992 $ 23.50	T 1082 $ 25.50	T 1092 $ 25.50	T 10102 $ 25.50
	3 Wire	Cat. No. List Each	T 9793 $ 23.50	T 9893 $ 23.50	T 9993 $ 23.50	T 1083 $ 25.50	T 1093 $ 25.50	T 10103 $ 25.50
	4 Wire	Cat. No. List Each	T 979400 $ 23.50	T 989400 $ 23.50	T 999400 $ 23.50	T 108400 $ 25.50	T 109400 $ 25.50	T 1010400 $ 25.50
	5 Wire	Cat. No. List Each	T 979500 $ 23.50	T 989500 $ 23.50	T 999500 $ 23.50	T 108500 $ 25.50	T 109500 $ 25.50	T 1010500 $ 25.50
	6 Wire	Cat. No. List Each	T 979600 $ 23.50	T 989600 $ 23.50	T 999600 $ 23.50	T 108600 $ 25.50	T 109600 $ 25.50	T 1010600 $ 25.50
	7 Wire	Cat. No. List Each	T 979700 $ 23.50	T 989700 $ 23.50	T 999700 $ 23.50	T 108700 $ 25.50	T 109700 $ 25.50	T 1010700 $ 25.50
	8 Wire	Cat. No. List Each	T 979800 $ 23.50	T 989800 $ 23.50	T 999800 $ 23.50	T 108800 $ 25.50	T 109800 $ 25.50	T 1010800 $ 25.50
	For W. P. Socket	Cat. No. List Each	T 9794 $ 23.95	T 9894 $ 23.95	T 9994 $ 23.95	T 1084 $ 25.95	T 1094 $ 25.95	T 10104 $ 25.95
METAL NIPPLE	1-8 Male	Cat. No. List Each	T 9795 $ 23.60	T 9895 $ 23.60	T 9995 $ 23.60	T 1085 $ 25.60	T 1095 $ 25.60	T 10105 $ 25.60
	1-8 Female	Cat. No. List Each	T 9796 $ 23.60	T 9896 $ 23.60	T 9996 $ 23.60	T 1086 $ 25.60	T 1096 $ 25.60	T 10106 $ 25.60
	3-8 Male	Cat. No. List Each	T 9797 $ 23.65	T 9897 $ 23.65	T 9997 $ 23.65	T 1087 $ 25.65	T 1097 $ 25.65	T 10107 $ 25.65
	3-8 Female	Cat. No. List Each	T 9798 $ 23.65	T 9898 $ 23.65	T 9998 $ 23.65	T 1088 $ 25.65	T 1098 $ 25.65	T 10108 $ 25.65
PORCELAIN NIPPLE	1-8 Male	Cat. No. List Each	T 9799 $ 24.05	T 9899 $ 24.05	T 9999 $ 24.05	T 1089 $ 26.05	T 1099 $ 26.05	T 10109 $ 26.05
	1-8 Female	Cat. No. List Each	T 97910 $ 24.05	T 98910 $ 24.05	T 99910 $ 24.05	T 10810 $ 26.05	T 10910 $ 26.05	T 101010 $ 26.05
	3-8 Male	Cat. No. List Each	T 97911 $ 24.20	T 98911 $ 24.20	T 99911 $ 24.20	T 10811 $ 26.20	T 10911 $ 26.20	T 101011 $ 26.20
	3-8 Female	Cat. No. List Each	T 97912 $ 24.20	T 98912 $ 24.20	T 99912 $ 24.20	T 10812 $ 26.20	T 10912 $ 26.20	T 101012 $ 26.20
	Blank Metal	Cat. No. List Each	T 97900 $ 23.40	T 98900 $ 23.40	T 99900 $ 23.40	T 10800 $ 25.40	T 10900 $ 25.40	T 101000 $ 25.40

Type "T" Condulet Castings, Tapped for Rigid Conduit, Without Covers, but With Cover Screws

SIZE OF CONDUIT	3½x2½x3½	3½ x 3 x 3½	3½x3½x3½	4 x 3 x 4	4 x 3½ x 4	4 x 4 x 4
Catalogue Number	T 979	T 989	T 999	T 108	T 109	T 1010
Std. Package not assorted	5	5	5	5	5	5
Unit Package not assorted	1	1	1	1	1	1
List Price Each	$ 22.60	$ 22.60	$ 22.60	$ 24.60	$ 24.60	$ 24.60

Any assortment of type "T" Condulets, with 3½ and 4-inch mains and with covers, aggregating a total number of 15, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of type "T" Condulets, without covers.

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets having the same size mains are interchangeable.

TYPE "TR" CONDULETS—½, ¾ and 1 Inch Mains

RIGHT HAND

T 1111 R

T 1117 R

T 11100 R

Type "TR" (Right Hand) Condulets, Complete with Covers Attached Tapped for Rigid Conduit

STYLE OF COVER	SIZE OF CONDUIT	½	½ x ½	½ x ¾	½ x 1	¾	¾ x ½	¾ x ¾	¾ x 1	1	1 x ½	1 x ¾	1 x 1
	Std. Pk. As'td*	100	100	100	100	50	50	50	50	40	40	40	40
	Unit Package	10	5	5	5	5	5	5	5	5	5	5	5
PORCELAIN WITH WIRE HOLES — 1 Wire	Cat. No.	T 1111 R	T 1211 R	T 1311 R	T 2121 R	T 2221 R	T 2321 R	T 3131 R	T 3231 R	T 3331 R
	List Each	$ .58	$ .66	$ .73	$ .72	$ .72	$ .80	$ 1.05	$ 1.05	$ 1.05
2 Wire	Cat. No.	T 1112 R	T 1212 R	T 1312 R	T 2122 R	T 2222 R	T 2322 R	T 3132 R	T 3232 R	T 3332 R
	List Each	$ .58	$ .66	$ .73	$ .72	$ .72	$ .80	$ 1.05	$ 1.05	$ 1.05
3 Wire	Cat. No.	T 1113 R	T 1213 R	T 1313 R	T 2123 R	T 2223 R	T 2323 R	T 3133 R	T 3233 R	T 3333 R
	List Each	$ .58	$ .66	$ .73	$ .72	$ .72	$ .80	$ 1.05	$ 1.05	$ 1.05
4 Wire	Cat. No.	T 111400R	T 121400R	T 131400R	T 212400R	T 222400R	T 232400R	T 313400R	T 323400R	T 333400R
	List Each	$ .58	$ .66	$ .73	$ .72	$ .72	$ .80	$ 1.05	$ 1.05	$ 1.05
5 Wire	Cat. No.	NOT MADE	NOT MADE	NOT MADE	T 212500R	T 222500R	T 232500R	T 313500R	T 323500R	T 333500R
	List Each				$ .72	$ .72	$ .80	$ 1.05	$ 1.05	$ 1.05
6 Wire	Cat. No.	NOT MADE	NOT MADE	NOT MADE	T 212600R	T 222600R	T 232600R	T 313600R	T 323600R	T 333600R
	List Each				$ .72	$ .72	$ .80	$ 1.05	$ 1.05	$ 1.05
7 Wire	Cat. No.	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE	T 313700R	T 323700R	T 333700R
	List Each							$ 1.05	$ 1.05	$ 1.05
8 Wire	Cat. No.	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE	T 313800R	T 323800R	T 333800R
	List Each							$ 1.05	$ 1.05	$ 1.05
For W. P. Socket	Cat. No.	T 1114 R	T 1214 R	T 1314 R	T 2124 R	T 2224 R	T 2324 R	T 3134 R	T 3234 R	T 3334 R
	List Each	$ .64	$ .72	$ .79	$ .82	$ .82	$ .90	$ 1.20	$ 1.20	$ 1.20
METAL NIPPLE — 1-8 Male	Cat. No.	T 1115 R	T 1215 R	T 1315 R	T 2125 R	T 2225 R	T 2325 R	T 3135 R	T 3235 R	T 3335 R
	List Each	$ .68	$ .76	$ .83	$ .82	$ .82	$ .90	$ 1.15	$ 1.15	$ 1.15
1-8 Female	Cat. No.	T 1116 R	T 1216 R	T 1316 R	T 2126 R	T 2226 R	T 2326 R	T 3136 R	T 3236 R	T 3336 R
	List Each	$ .68	$ .76	$ .83	$ .82	$ .82	$ .90	$ 1.15	$ 1.15	$ 1.15
3-8 Male	Cat. No.	T 1117 R	T 1217 R	T 1317 R	T 2127 R	T 2227 R	T 2327 R	T 3137 R	T 3237 R	T 3337 R
	List Each	$ .73	$ .81	$ .88	$ .87	$ .87	$ .95	$ 1.20	$ 1.20	$ 1.20
3-8 Female	Cat. No.	T 1118 R	T 1218 R	T 1318 R	T 2128 R	T 2228 R	T 2328 R	T 3138 R	T 3238 R	T 3338 R
	List Each	$ .73	$ .81	$ .88	$ .87	$ .87	$ .95	$ 1.20	$ 1.20	$ 1.20
PORCELAIN NIPPLE — 1-8 Male	Cat. No.	T 1119 R	T 1219 R	T 1319 R	T 2129 R	T 2229 R	T 2329 R	T 3139 R	T 3239 R	T 3339 R
	List Each	$ .73	$ .81	$ .88	$ .87	$ .87	$ .95	$ 1.23	$ 1.23	$ 1.23
1-8 Female	Cat. No.	T 11110 R	T 12110 R	T 13110 R	T 21210 R	T 22210 R	T 23210 R	T 31310 R	T 32310 R	T 33310 R
	List Each	$ .73	$ .81	$ .88	$ .87	$ .87	$ .95	$ 1.23	$ 1.23	$ 1.23
3-8 Male	Cat. No.	T 11111 R	T 12111 R	T 13111 R	T 21211 R	T 22211 R	T 23211 R	T 31311 R	T 32311 R	T 33311 R
	List Each	$ .83	$ .91	$ .98	$ .98	$ .98	$ 1.06	$ 1.33	$ 1.33	$ 1.33
3-8 Female	Cat. No.	T 11112 R	T 12112 R	T 13112 R	T 21212 R	T 22212 R	T 23212 R	T 31312 R	T 32312 R	T 33312 R
	List Each	$ .83	$ .91	$ .98	$ .98	$ .98	$ 1.06	$ 1.33	$ 1.33	$ 1.33
Blank Metal	Cat. No.	T 11100 R	T 12100 R	T 13100 R	T 21200 R	T 22200 R	T 23200 R	T 31300 R	T 32300 R	T 33300 R
	List Each	$ .56	$ .64	$ .71	$ .68	$ .68	$ .76	$ 1.03	$ 1.03	$ 1.03

Type "TR" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	½ x ½ x ½	½ x ¾ x ½	½ x 1 x ½	¾ x ½ x ¾	¾ x ¾ x ¾	¾ x 1 x ¾	1 x ½ x 1	1 x ¾ x 1	1 x 1 x 1
Catalogue Number	T 111 R	T 121 R	T 131 R	T 212 R	T 222 R	T 232 R	T 313 R	T 323 R	T 333 R
Std. Pkg. not as'td.	100	100	100	50	50	50	40	40	40
Unit. Pkg. not as'td.	10	5	5	5	5	5	5	5	5
List Price Each	$ .48	$ .56	$ .63	$ .57	$ .57	$ .65	$ .80	$ .80	$ .80

Any assortment of type "TR" and "TL" Condulets with ½, ¾ and 1-inch mains, with covers, aggregating a total number of 300, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of type "TR" and "TL" Condulets, without covers.

*** "TR" and "TL" Condulets of the same size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets having the same size mains are interchangeable.

TYPE "TL" CONDULETS—½, ¾ and 1 Inch Mains

LEFT HAND

T 1113 L

T 11100 L

T 11111 L

Type "TL" (Left Hand) Condulets, Complete with Covers Attached, Tapped for Rigid Conduit

STYLE OF COVER		SIZE OF CONDUIT	½ T ½	½ T ¾	½ T 1	¾ T ½	¾ T ¾	¾ T 1	1 T ½	1 T ¾	1 T 1
		Std. Pk. As'td*	100	100	100	50	50	50	40	40	40
		Unit Package	10	5	5	5	5	5	5	5	5
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	T 1111 L	T 1211 L	T 1311 L	T 2121 L	T 2221 L	T 2321 L	T 3131 L	T 3231 L	T 3331 L
		List Each	$ .58	$ .66	$ .73	$ .72	$ .72	$ .80	$ 1.05	$ 1.05	$ 1.05
	2 Wire	Cat. No.	T 1112 L	T 1212 L	T 1312 L	T 2122 L	T 2222 L	T 2322 L	T 3132 L	T 3232 L	T 3332 L
		List Each	$ .58	$ .66	$ .73	$ .72	$ .72	$ .80	$ 1.05	$ 1.05	$ 1.05
	3 Wire	Cat. No.	T 1113 L	T 1213 L	T 1313 L	T 2123 L	T 2223 L	T 2323 L	T 3133 L	T 3233 L	T 3333 L
		List Each	$ .58	$ .66	$ .73	$ .72	$ .72	$ .80	$ 1.05	$ 1.05	$ 1.05
	4 Wire	Cat. No.	T 111400L	T 121400L	T 131400L	T 212400L	T 222400L	T 232400L	T 313400L	T 323400L	T 333400L
		List Each	$ .58	$ .66	$ .73	$ .72	$ .72	$ .80	$ 1.05	$ 1.05	$ 1.05
	5 Wire	Cat. No.	NOT MADE	NOT MADE	NOT MADE	T 212500L	T 222500L	T 232500L	T 313500L	T 323500L	T 333500L
		List Each				$ .72	$ .72	$ .80	$ 1.05	$ 1.05	$ 1.05
	6 Wire	Cat. No.	NOT MADE	NOT MADE	NOT MADE	T 212600L	T 222600L	T 232600L	T 313600L	T 323600L	T 333600L
		List Each				$ .72	$ .72	$ .80	$ 1.05	$ 1.05	$ 1.05
	7 Wire	Cat. No.	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE	T 313700L	T 323700L	T 333700L
		List Each							$ 1.05	$ 1.05	$ 1.05
	8 Wire	Cat. No.	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE	NOT MADE	T 313800L	T 323800L	T 333800L
		List Each							$ 1.05	$ 1.05	$ 1.05
	For W. P. Socket	Cat. No.	T 1114 L	T 1214 L	T 1314 L	T 2124 L	T 2224 L	T 2324 L	T 3134 L	T 3234 L	T 3334 L
		List Each	$ .64	$ .72	$ .79	$ .82	$ .82	$ .90	$ 1.20	$ 1.20	$ 1.20
METAL NIPPLE	1-8 Male	Cat. No.	T 1115 L	T 1215 L	T 1315 L	T 2125 L	T 2225 L	T 2325 L	T 3135 L	T 3235 L	T 3335 L
		List Each	$ .68	$ .76	$ .83	$ .82	$ .82	$ .90	$ 1.15	$ 1.15	$ 1.15
	1-8 Female	Cat. No.	T 1116 L	T 1216 L	T 1316 L	T 2126 L	T 2226 L	T 2326 L	T 3136 L	T 3236 L	T 3336 L
		List Each	$ .68	$ .76	$ .83	$ .82	$ .82	$ .90	$ 1.15	$ 1.15	$ 1 15
	3-8 Male	Cat. No.	T 1117 L	T 1217 L	T 1317 L	T 2127 L	T 2227 L	T 2327 L	T 3137 L	T 3237 L	T 3337 L
		List Each	$ .73	$ .81	$ .88	$ .87	$ .87	$ .95	$ 1.20	$ 1.20	$ 1.20
	3-8 Female	Cat. No.	T 1118 L	T 1218 L	T 1318 L	T 2128 L	T 2228 L	T 2328 L	T 3138 L	T 3238 L	T 3338 L
		List Each	$ .73	$ .81	$ .88	$ .87	$ .87	$ .95	$ 1.20	$ 1.20	$ 1.20
PORCELAIN NIPPLE	1-8 Male	Cat. No.	T 1119 L	T 1219 L	T 1319 L	T 2129 L	T 2229 L	T 2329 L	T 3139 L	T 3239 L	T 3339 L
		List Each	$ .73	$ .81	$ .88	$ .87	$ .87	$ .95	$ 1.23	$ 1.23	$ 1.23
	1-8 Female	Cat. No.	T 11110 L	T 12110 L	T 13110 L	T 21210 L	T 22210 L	T 23210 L	T 31310 L	T 32310 L	T 33310 L
		List Each	$ .73	$ .81	$ .88	$ .87	$ .87	$ .95	$ 1.23	$ 1.23	$ 1.23
	3-8 Male	Cat. No.	T 11111 L	T 12111 L	T 13111 L	T 21211 L	T 22211 L	T 23211 L	T 31311 L	T 32311 L	T 33311 L
		List Each	$ .83	$ .91	$ .98	$ .98	$ .98	$ 1.06	$ 1.33	$ 1.33	$ 1.33
	3-8 Female	Cat. No.	T 11112 L	T 12112 L	T 13112 L	T 21212 L	T 22212 L	T 23212 L	T 31312 L	T 32312 L	T 33312 L
		List Each	$ .83	$ .91	$ .98	$ .98	$ .98	$ 1.06	$ 1.33	$ 1.33	$ 1.33
	Blank Metal	Cat. No.	T 11100 L	T 12100 L	T 13100 L	T 21200 L	T 22200 L	T 23200 L	T 31300 L	T 32300 L	T 33300 L
		List Each	$ .56	$ .64	$ .71	$ .68	$ .68	$ .76	$ 1.03	$ 1.03	$ 1.03

Type "TL" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	½ x ½ x ½	½ x ¾ x ½	½ x 1 x ½	¾ x ½ x ¾	¾ x ¾ x ¾	¾ x 1 x ¾	1 x ½ x 1	1 x ¾ x 1	1 x 1 x 1
Catalogue Number	T 111 L	T 121 L	T 131 L	T 212 L	T 222 L	T 232 L	T 313 L	T 323 L	T 333 L
Std. Pkg. not as'td.	100	100	100	50	50	50	40	40	40
Unit. Pkg. not as'td.	10	5	5	5	5	5	5	5	5
List Price Each	$ .48	$ .56	$ .63	$ .57	$ .57	$ .65	$ .80	$ .80	$ .80

Any assortment of type "TL" and "TR" Condulets with ½, ¾ and 1-inch mains, with covers, aggregating a total number of 300, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of type "TL" and "TR" Condulets, without covers.

*"TL" and "TR" Condulets of the same size may be assorted to make up a Standard Package regardless of style of cover.

Covers of all Condulets having the same size mains are interchangeable.

TYPE "X" CONDULETS—Tapped for Rigid Conduit

X 11112

X 111100

X 111112

Type "X" Condulets Complete With Covers Attached

STYLE OF COVER	SIZE OF CONDUIT	½ × ½ × ½	¾ × ½ × ½	¾ × ½ × ¾	¾ × ¾ × ¾	1 × ½ × ¾	1 × ¾ × ¾	1 × ½ × 1	1 × ¾ × 1	1 × 1 × 1
	Std. Pk. As'td*	150	75	75	75	50	50	50	50	50
	Unit Package	10	5	5	5	5	5	5	5	5
PORCELAIN WITH WIRE HOLES — 1 Wire	Cat. No.	X 11111	X 21111	X 21121	X 22221	X 31121	X 32221	X 31131	X 32231	X 33331
	List Each	$ .70	$ .92	$ .92	$ .92	$ 1.30	$ 1.30	$ 1.30	$ 1.30	$ 1.30
2 Wire	Cat. No.	X 11112	X 21112	X 21122	X 22222	X 31122	X 32222	X 31132	X 32232	X 33332
	List Each	$ .70	$ .92	$ .92	$ .92	$ 1.30	$ 1.30	$ 1.30	$ 1.30	$ 1.30
3 Wire	Cat. No.	X 11113	X 21113	X 21123	X 22223	X 31123	X 32223	X 31133	X 32233	X 33333
	List Each	$ .70	$ .92	$ .92	$ .92	$ 1.30	$ 1.30	$ 1.30	$ 1.30	$ 1.30
4 Wire	Cat. No.	X 1111400	X 2111400	X 2112400	X 2222400	X 3112400	X 3222400	X 3113400	X 3223400	X 3333400
	List Each	$ .70	$ .92	$ .92	$ .92	$ 1.30	$ 1.30	$ 1.30	$ 1.30	$ 1.30
5 Wire	Cat. No.	NOT MADE	X 2111500	X 2112500	X 2222500	X 3112500	X 3222500	X 3113500	X 3223500	X 3333500
	List Each		$ .92	$ .92	$ .92	$ 1.30	$ 1.30	$ 1.30	$ 1.30	$ 1.30
6 Wire	Cat. No.	NOT MADE	X 2111600	X 2112600	X 2222600	X 3112600	X 3222600	X 3113600	X 3223600	X 3333600
	List Each		$ .92	$ .92	$ .92	$ 1.30	$ 1.30	$ 1.30	$ 1.30	$ 1.30
7 Wire	Cat. No.	NOT MADE	NOT MADE	NOT MADE	NOT MADE	X 3112700	X 3222700	X 3113700	X 3223700	X 3333700
	List Each					$ 1.30	$ 1.30	$ 1.30	$ 1.30	$ 1.30
8 Wire	Cat. No.	NOT MADE	NOT MADE	NOT MADE	NOT MADE	X 3112800	X 3222800	X 3113800	X 3223800	X 3333800
	List Each					$ 1.30	$ 1.30	$ 1.30	$ 1.30	$ 1.30
For W. P. Socket	Cat. No.	X 11114	X 21114	X 21124	X 22224	X 31124	X 32224	X 31134	X 32234	X 33334
	List Each	$ .76	$ 1.02	$ 1.02	$ 1.02	$ 1.45	$ 1.45	$ 1.45	$ 1.45	$ 1.45
METAL NIPPLE — 1-8 Male	Cat. No.	X 11115	X 21115	X 21125	X 22225	X 31125	X 32225	X 31135	X 32235	X 33335
	List Each	$ .80	$ 1.02	$ 1.02	$ 1.02	$ 1.40	$ 1.40	$ 1.40	$ 1.40	$ 1.40
1-8 Female	Cat. No.	X 11116	X 21116	X 21126	X 22226	X 31126	X 32226	X 31136	X 32236	X 33336
	List Each	$ .80	$ 1.02	$ 1.02	$ 1.02	$ 1.40	$ 1.40	$ 1.40	$ 1.40	$ 1.40
3-8 Male	Cat. No.	X 11117	X 21117	X 21127	X 22227	X 31127	X 32227	X 31137	X 32237	X 33337
	List Each	$ .85	$ 1.07	$ 1.07	$ 1.07	$ 1.45	$ 1.45	$ 1.45	$ 1.45	$ 1.45
3-8 Female	Cat. No.	X 11118	X 21118	X 21128	X 22228	X 31128	X 32228	X 31138	X 32238	X 33338
	List Each	$ .85	$ 1.07	$ 1.07	$ 1.07	$ 1.45	$ 1.45	$ 1.45	$ 1.45	$ 1.45
PORCELAIN NIPPLE — 1-8 Male	Cat. No.	X 11119	X 21119	X 21129	X 22229	X 31129	X 32229	X 31139	X 32239	X 33339
	List Each	$ .85	$ 1.07	$ 1.07	$ 1.07	$ 1.48	$ 1.48	$ 1.48	$ 1.48	$ 1.48
1-8 Female	Cat. No.	X 111110	X 211110	X 211210	X 222210	X 311210	X 322210	X 311310	X 322310	X 333310
	List Each	$ .85	$ 1.07	$ 1.07	$ 1.07	$ 1.48	$ 1.48	$ 1.48	$ 1.48	$ 1.48
3-8 Male	Cat. No.	X 111111	X 211111	X 211211	X 222211	X 311211	X 322211	X 311311	X 322311	X 333311
	List Each	$ .95	$ 1.18	$ 1.18	$ 1.18	$ 1.58	$ 1.58	$ 1.58	$ 1.58	$ 1.58
3-8 Female	Cat. No.	X 111112	X 211112	X 211212	X 222212	X 311212	X 322212	X 311312	X 322312	X 333312
	List Each	$ .95	$ 1.18	$ 1.18	$ 1.18	$ 1.58	$ 1.58	$ 1.58	$ 1.58	$ 1.58
Blank Metal	Cat. No.	X 111100	X 211100	X 211200	X 222200	X 311200	X 322200	X 311300	X 322300	X 333300
	List Each	$ .68	$ .88	$ .88	$ .88	$ 1.28	$ 1.28	$ 1.28	$ 1.28	$ 1.23

Type "X" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	½ × ½ × ½ × ½	¾ × ½ × ½ × ½	¾ × ½ × ½ × ¾	¾ × ¾ × ¾ × ¾	1 × ½ × ½ × ¾	1 × ¾ × ¾ × ¾	1 × ½ × ½ × 1	1 × ¾ × ¾ × 1	1 × 1 × 1 × 1
Catalogue Number	X 1111	X 2111	X 2112	X 2222	X 3112	X 3222	X 3113	X 3223	X 3333
Std. Pkg. not as'td.	150	75	75	75	50	50	50	50	50
Unit. Pkg. not as'td.	10	5	5	5	5	5	5	5	5
List Price Each	$ .60	$ .77	$ .77	$ .77	$ 1.05	$ 1.05	$ 1.05	$ 1.05	$ 1.05

Any assortment of type "X" Condulets listed on this page, with covers, aggregating a total number of 300, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of type "X" Condulets, without covers.

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets having the same size mains are interchangeable.

TYPE "X" CONDULETS—Tapped for Rigid Conduit

X 44443

X 44447

X 444411

Type "X" Condulets Complete With Covers Attached

STYLE OF COVER		SIZE OF CONDUIT	1¼ ½ 1 ½	1¼ ¾ ¾ ¾	1¼ ¾ 1 ¾	1¼ 1 1 1	1¼ ½ 1¼ ½	1¼ ¾ 1¼ ¾	1¼ 1¼ 1¼ 1¼
		Std. Pk. As'td*	20	20	20	20	20	20	20
		Unit Package	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No. / List Each	X 41131 / $ 1.60	X 42221 / $ 1.60	X 42231 / $ 1.60	X 43331 / $ 1.60	X 41141 / $ 1.60	X 42241 / $ 1.60	X 44441 / $ 1.60
	2 Wire	Cat. No. / List Each	X 41132 / $ 1.60	X 42222 / $ 1.60	X 42232 / $ 1.60	X 43332 / $ 1.60	X 41142 / $ 1.60	X 42242 / $ 1.60	X 44442 / $ 1.60
	3 Wire	Cat. No. / List Each	X 41133 / $ 1.60	X 42223 / $ 1.60	X 42233 / $ 1.60	X 43333 / $ 1.60	X 41143 / $ 1.60	X 42243 / $ 1.60	X 44443 / $ 1.60
	4 Wire	Cat. No. / List Each	X 4113400 / $ 1.60	X 4222400 / $ 1.60	X 4223400 / $ 1.60	X 4333400 / $ 1.60	X 4114400 / $ 1.60	X 4224400 / $ 1.60	X 4444400 / $ 1.60
	5 Wire	Cat. No. / List Each	X 4113500 / $ 1.60	X 4222500 / $ 1.60	X 4223500 / $ 1.60	X 4333500 / $ 1.60	X 4114500 / $ 1.60	X 4224500 / $ 1.60	X 4444500 / $ 1.60
	6 Wire	Cat. No. / List Each	X 4113600 / $ 1.60	X 4222600 / $ 1.60	X 4223600 / $ 1.60	X 4333600 / $ 1.60	X 4114600 / $ 1.60	X 4224600 / $ 1.60	X 4444600 / $ 1.60
	7 Wire	Cat. No. / List Each	X 4113700 / $ 1.60	X 4222700 / $ 1.60	X 4223700 / $ 1.60	X 4333700 / $ 1.60	X 4114700 / $ 1.60	X 4224700 / $ 1.60	X 4444700 / $ 1.60
	8 Wire	Cat. No. / List Each	X 4113800 / $ 1.60	X 4222800 / $ 1.60	X 4223800 / $ 1.60	X 4333800 / $ 1.60	X 4114800 / $ 1.60	X 4224800 / $ 1.60	X 4444800 / $ 1.60
	For W. P. Socket	Cat. No. / List Each	X 41134 / $ 1.80	X 42224 / $ 1.80	X 42234 / $ 1.80	X 43334 / $ 1.80	X 41144 / $ 1.80	X 42244 / $ 1.80	X 44444 / $ 1.80
METAL NIPPLE	1-8 Male	Cat. No. / List Each	X 41135 / $ 1.70	X 42225 / $ 1.70	X 42235 / $ 1.70	X 43335 / $ 1.70	X 41145 / $ 1.70	X 42245 / $ 1.70	X 44445 / $ 1.70
	1-8 Female	Cat. No. / List Each	X 41136 / $ 1.70	X 42226 / $ 1.70	X 42236 / $ 1.70	X 43336 / $ 1.70	X 41146 / $ 1.70	X 42246 / $ 1.70	X 44446 / $ 1.70
	3-8 Male	Cat. No. / List Each	X 41137 / $ 1.75	X 42227 / $ 1.75	X 42237 / $ 1.75	X 43337 / $ 1.75	X 41147 / $ 1.75	X 42247 / $ 1.75	X 44447 / $ 1.75
	3-8 Female	Cat. No. / List Each	X 41138 / $ 1.75	X 42228 / $ 1.75	X 42238 / $ 1.75	X 43338 / $ 1.75	X 41148 / $ 1.75	X 42248 / $ 1.75	X 44448 / $ 1.75
PORCELAIN NIPPLE	1-8 Male	Cat. No. / List Each	X 41139 / $ 1.82	X 42229 / $ 1.82	X 42239 / $ 1.82	X 43339 / $ 1.82	X 41149 / $ 1.82	X 42249 / $ 1.82	X 44449 / $ 1.82
	1-8 Female	Cat. No. / List Each	X 411310 / $ 1.82	X 422210 / $ 1.82	X 422310 / $ 1.82	X 433310 / $ 1.82	X 411410 / $ 1.82	X 422410 / $ 1.82	X 444410 / $ 1.82
	3-8 Male	Cat. No. / List Each	X 411311 / $ 1.92	X 422211 / $ 1.92	X 422311 / $ 1.92	X 433311 / $ 1.92	X 411411 / $ 1.92	X 422411 / $ 1.92	X 444411 / $ 1.92
	3-8 Female	Cat. No. / List Each	X 411312 / $ 1.92	X 422212 / $ 1.92	X 422312 / $ 1.92	X 433312 / $ 1.92	X 411412 / $ 1.92	X 422412 / $ 1.92	X 444412 / $ 1.92
	Blank Metal	Cat. No. / List Each	X 411300 / $ 1.56	X 422200 / $ 1.56	X 422300 / $ 1.56	X 433300 / $ 1.56	X 411400 / $ 1.56	X 422400 / $ 1.56	X 444400 / $ 1.56

Type "X" Condulet Castings, Without Covers, but With Cover Screws

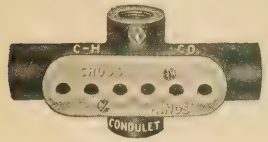
SIZE OF CONDUIT	1¼ x ½ x ½ x 1	1¼ x ¾ x ¾ x ¾	1¼ x ¾ x ¾ x 1	1¼ x 1 x 1 x 1	1¼ x ½ x ½ x 1¼	1¼ x ¾ x ¾ x 1¼	1¼ x 1¼ x 1¼ x 1¼
Catalogue Number	X 4113	X 4222	X 4223	X 4333	X 4114	X 4224	X 4444
Std. Pkg. not as'td.	20	20	20	20	20	20	20
Unit. Pkg. not as'td.	1	1	1	1	1	1	1
List Price Each	$ 1.24	$ 1.24	$ 1.24	$ 1.24	$ 1.24	$ 1.24	$ 1.24

Any assortment of type "X" Condulets listed on this page, with covers, aggregating a total number of 75, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of type "X" Condulets, without covers.

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets having the same size mains are interchangeable.

TYPE "X" CONDULETS—Tapped for Rigid Conduit



X 5555600

X 55556

X 555510

Type "X" Condulets Complete With Covers Attached

STYLE OF COVER		SIZE OF CONDUIT	1½ ½ 1¼	1½ ¾ 1¼	1½ ¾ 1½	1½ 1 1	1½ 1 1¼	1½ 1 1½	1½ 1½ 1½
		Std. Pk. As'td*	10	10	10	10	10	10	10
		Unit Package	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	X 51141	X 52241	X 52251	X 53331	X 53341	X 53351	X 55551
		List Each	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26
	2 Wire	Cat. No.	X 51142	X 52242	X 52252	X 53332	X 53342	X 53352	X 55552
		List Each	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26
	3 Wire	Cat. No.	X 51143	X 52243	X 52253	X 53333	X 53343	X 53353	X 55553
		List Each	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26
	4 Wire	Cat. No.	X 5114400	X 5224400	X 5225400	X 5333400	X 5334400	X 5335400	X 5555400
		List Each	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26
	5 Wire	Cat. No.	X 5114500	X 5224500	X 5225500	X 5333500	X 5334500	X 5335500	X 5555500
		List Each	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26
	6 Wire	Cat. No.	X 5114600	X 5224600	X 5225600	X 5333600	X 5334600	X 5335600	X 5555600
		List Each	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26
	7 Wire	Cat. No.	X 5114700	X 5224700	X 5225700	X 5333700	X 5334700	X 5335700	X 5555700
		List Each	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26
	8 Wire	Cat. No.	X 5114800	X 5224800	X 5225800	X 5333800	X 5334800	X 5335800	X 5555800
		List Each	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26	$ 2.26
	For W. P. Socket	Cat. No.	X 51144	X 52244	X 52254	X 53334	X 53344	X 53354	X 55554
		List Each	$ 2.51	$ 2.51	$ 2.51	$ 2.51	$ 2.51	$ 2.51	$ 2.51
METAL NIPPLE	1-8 Male	Cat. No.	X 51145	X 52245	X 52255	X 53335	X 53345	X 53355	X 55555
		List Each	$ 2.36	$ 2.36	$ 2.36	$ 2.36	$ 2.36	$ 2.36	$ 2.36
	1-8 Female	Cat. No.	X 51146	X 52246	X 52256	X 53336	X 53346	X 53356	X 55556
		List Each	$ 2.36	$ 2.36	$ 2.36	$ 2.36	$ 2.36	$ 2.36	$ 2.36
	3-8 Male	Cat. No.	X 51147	X 52247	X 52257	X 53337	X 53347	X 53357	X 55557
		List Each	$ 2.41	$ 2.41	$ 2.41	$ 2.41	$ 2.41	$ 2.41	$ 2.41
	3-8 Female	Cat. No.	X 51148	X 52248	X 52258	X 53338	X 53348	X 53358	X 55558
		List Each	$ 2.41	$ 2.41	$ 2.41	$ 2.41	$ 2.41	$ 2.41	$ 2.41
PORCELAIN NIPPLE	1-8 Male	Cat. No.	X 51149	X 52249	X 52259	X 53339	X 53349	X 53359	X 55559
		List Each	$ 2.50	$ 2.50	$ 2.50	$ 2.50	$ 2.50	$ 2.50	$ 2.50
	1-8 Female	Cat. No.	X 511410	X 522410	X 522510	X 533310	X 533410	X 533510	X 555510
		List Each	$ 2.50	$ 2.50	$ 2.50	$ 2.50	$ 2.50	$ 2.50	$ 2.50
	3-8 Male	Cat. No.	X 511411	X 522411	X 522511	X 533311	X 533411	X 533511	X 555511
		List Each	$ 2.60	$ 2.60	$ 2.60	$ 2.60	$ 2.60	$ 2.60	$ 2.60
	3-8 Female	Cat. No.	X 511412	X 522412	X 522512	X 533312	X 533412	X 533512	X 555512
		List Each	$ 2.60	$ 2.60	$ 2.60	$ 2.60	$ 2.60	$ 2.60	$ 2.60
	Blank Metal	Cat. No.	X 511400	X 522400	X 522500	X 533300	X 533400	X 533500	X 555500
		List Each	$ 2.23	$ 2.23	$ 2.23	$ 2.23	$ 2.23	$ 2.23	$ 2.23

Type "X" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	1½ x ½ x 1¼	1½ x ¾ x 1¼	1½ x ¾ x 1½	1½ x 1 x 1	1½ x 1 x 1¼	1½ x 1 x 1½	1½ x 1½ x 1½
Catalogue Number	X 5114	X 5224	X 5225	X 5333	X 5334	X 5335	X 5555
Std. Pkg. not as'td.	10	10	10	10	10	10	10
Unit. Pkg. not as'td.	1	1	1	1	1	1	1
List Price Each	$ 1.78	$ 1.78	$ 1.78	$ 1.78	$ 1.78	$ 1.78	$ 1.78

Any assortment of type "X" Condulets listed on this page, with covers, aggregating a total number of 55, entitles purchaser to the Standard Package discount. Standard Package discount is allowed on the same assortment of type "X" Condulets, without covers.

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets having the same size mains are interchangeable.

TYPE "X" CONDULETS—Tapped for Rigid Conduit

X 66661

X 66662

X 66663

Type "X" Condulets Complete With Covers Attached

STYLE OF COVER		SIZE OF CONDUIT	½ × ½ × 1½	¾ × ¾ × 1½	1 × 1 × 1½	1 × 1 × 2	2 × 2 × 2	1½ × 1 × 1½	1½ × 1½ × 1½	1½ × 1½ × 2½	2½ × 2½ × 2½
		Std. Pk. As'td*	5	5	5	5	5	5	5	5	5
		Unit Package	1	1	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	X 61151	X 62251	X 63351	X 63361	X 66661	X 73351	X 75551	X 75571	X 77771
		List Each	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 9.75	$ 9.75	$ 9.75	$ 9.75
	2 Wire	Cat. No.	X 61152	X 62252	X 63352	X 63362	X 66662	X 73352	X 75552	X 75572	X 77772
		List Each	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 9.75	$ 9.75	$ 9.75	$ 9.75
	3 Wire	Cat. No.	X 61153	X 62253	X 63353	X 63363	X 66663	X 73353	X 75553	X 75573	X 77773
		List Each	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 9.75	$ 9.75	$ 9.75	$ 9.75
	4 Wire	Cat. No.	X 6115400	X 6225400	X 6335400	X 6336400	X 6666400	X 7335400	X 7555400	X 7557400	X 7777400
		List Each	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 9.75	$ 9.75	$ 9.75	$ 9.75
	5 Wire	Cat. No.	X 6115500	X 6225500	X 6335500	X 6336500	X 6666500	X 7335500	X 7555500	X 7557500	X 7777500
		List Each	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 9.75	$ 9.75	$ 9.75	$ 9.75
	6 Wire	Cat. No.	X 6115600	X 6225600	X 6335600	X 6336600	X 6666600	X 7335600	X 7555600	X 7557600	X 7777600
		List Each	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 9.75	$ 9.75	$ 9.75	$ 9.75
	7 Wire	Cat. No.	X 6115700	X 6225700	X 6335700	X 6336700	X 6666700	X 7335700	X 7555700	X 7557700	X 7777700
		List Each	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 9.75	$ 9.75	$ 9.75	$ 9.75
	8 Wire	Cat. No.	X 6115800	X 6225800	X 6335800	X 6336800	X 6666800	X 7335800	X 7555800	X 7557800	X 7777800
		List Each	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 3.45	$ 9.75	$ 9.75	$ 9.75	$ 9.75
	For W. P. Socket	Cat. No.	X 61154	X 62254	X 63354	X 63364	X 66664	X 73354	X 75554	X 75574	X 77774
		List Each	$ 3.75	$ 3.75	$ 3.75	$ 3.75	$ 3.75	$ 10.10	$ 10.10	$ 10.10	$ 10.10
METAL NIPPLE	1-8 Male	Cat. No.	X 61155	X 62255	X 63355	X 63365	X 66665	X 73355	X 75555	X 75575	X 77775
		List Each	$ 3.55	$ 3.55	$ 3.55	$ 3.55	$ 3.55	$ 9.85	$ 9.85	$ 9.85	$ 9.85
	1-8 Female	Cat. No.	X 61156	X 62256	X 63356	X 63366	X 66666	X 73356	X 75556	X 75576	X 77776
		List Each	$ 3.55	$ 3.55	$ 3.55	$ 3.55	$ 3.55	$ 9.85	$ 9.85	$ 9.85	$ 9.85
	3-8 Male	Cat. No.	X 61157	X 62257	X 63357	X 63367	X 66667	X 73357	X 75557	X 75577	X 77777
		List Each	$ 3.60	$ 3.60	$ 3.60	$ 3.60	$ 3.60	$ 9.90	$ 9.90	$ 9.90	$ 9.90
	3-8 Female	Cat. No.	X 61158	X 62258	X 63358	X 63368	X 66668	X 73358	X 75558	X 75578	X 77778
		List Each	$ 3.60	$ 3.60	$ 3.60	$ 3.60	$ 3.60	$ 9.90	$ 9.90	$ 9.90	$ 9.90
PORCELAIN NIPPLE	1-8 Male	Cat. No.	X 61159	X 62259	X 63359	X 63369	X 66669	X 73359	X 75559	X 75579	X 77779
		List Each	$ 3.75	$ 3.75	$ 3.75	$ 3.75	$ 3.75	$ 10.15	$ 10.15	$ 10.15	$ 10.15
	1-8 Female	Cat. No.	X 611510	X 622510	X 633510	X 633610	X 666610	X 733510	X 755510	X 755710	X 777710
		List Each	$ 3.75	$ 3.75	$ 3.75	$ 3.75	$ 3.75	$ 10.15	$ 10.15	$ 10.15	$ 10.15
	3-8 Male	Cat. No.	X 611511	X 622511	X 633511	X 633611	X 666611	X 733511	X 755511	X 755711	X 777711
		List Each	$ 3.85	$ 3.85	$ 3.85	$ 3.85	$ 3.85	$ 10.25	$ 10.25	$ 10.25	$ 10.25
	3-8 Female	Cat. No.	X 611512	X 622512	X 633512	X 633612	X 666612	X 733512	X 755512	X 755712	X 777712
		List Each	$ 3.85	$ 3.85	$ 3.85	$ 3.85	$ 3.85	$ 10.25	$ 10.25	$ 10.25	$ 10.25
	Blank Metal	Cat. No.	X 611500	X 622500	X 633500	X 633600	X 666600	X 733500	X 755500	X 755700	X 777700
		List Each	$ 3.41	$ 3.41	$ 3.41	$ 3.41	$ 3.41	$ 9.70	$ 9.70	$ 9.70	$ 9.70

Type "X" Condulet Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	2 × ½ × ¼ × 1½	2 × ¾ × ¾ × 1½	2 × 1 × 1 × 1½	2 × 1 × 1 × 2	2 × 2 × 2 × 2	2½ × 1 × 1 × 1½	2½ × 1½ × 1½ × 1½	2½ × 1½ × 1½ × 2½	2½ × 2½ × 2½ × 2½
Catalogue Number	X 6115	X 6225	X 6335	X 6336	X 6666	X 7335	X 7555	X 7557	X 7777
Std. Pkg. not as'td.	5	5	5	5	5	5	5	5	5
Unit. Pkg. not as'td.	1	1	1	1	1	1	1	1	1
List Price Each	$ 2.85	$ 2.85	$ 2.85	$ 2.85	$ 2.85	$ 8.95	$ 8.95	$ 8.95	$ 8.95

Any assortment of type "X" Condulets listed on this page, with covers, aggregating a total number of 25, entitles the purchaser to Standard Package discount. Standard Package discount is allowed on the same assortment of type "X" Condulets, without covers.

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets having the same size mains are interchangeable.

TYPE "X" CONDULETS—Tapped for Rigid Conduit

X 88881

X 9999400

X 101000

Type "X" Condulets Complete With Covers Attached

STYLE OF COVER	SIZE OF CONDUIT	3 1½ 1½ 2	3 2 2 2½	3 3 3 3	3½ 2 2 2½	3½ 2½ 2½ 3	3½ 3½ 3½ 3½	4 2½ 2½ 3	4 3 3 3½	4 4 4 4
	Std. Pk. As'td*	5	5	5	5	5	5	5	5	5
	Unit Package	1	1	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES — 1 Wire	Cat. No.	X 85561	X 86671	X 88881	X 96671	X 97781	X 99991	X 10781	X 10891	X 10101
	List Each	$ 10.75	$ 10.75	$ 10.75	$ 25.90	$ 25.90	$ 25.90	$ 27.90	$ 27.90	$ 27.90
2 Wire	Cat. No.	X 85562	X 86672	X 88882	X 96672	X 97782	X 99992	X 10782	X 10892	X 10102
	List Each	$ 10.75	$ 10.75	$ 10.75	$ 25.90	$ 25.90	$ 25.90	$ 27.90	$ 27.90	$ 27.90
3 Wire	Cat. No.	X 85563	X 86673	X 88883	X 96673	X 97783	X 99993	X 10783	X 10893	X 10103
	List Each	$ 10.75	$ 10.75	$ 10.75	$ 25.90	$ 25.90	$ 25.90	$ 27.90	$ 27.90	$ 27.90
4 Wire	Cat. No.	X 8556400	X 8667400	X 8888400	X 9667400	X 9778400	X 9999400	X 1078400	X 1089400	X 1010400
	List Each	$ 10.75	$ 10.75	$ 10.75	$ 25.90	$ 25.90	$ 25.90	$ 27.90	$ 27.90	$ 27.90
5 Wire	Cat. No.	X 8556500	X 8667500	X 8888500	X 9667500	X 9778500	X 9999500	X 1078500	X 1089500	X 1010500
	List Each	$ 10.75	$ 10.75	$ 10.75	$ 25.90	$ 25.90	$ 25.90	$ 27.90	$ 27.90	$ 27.90
6 Wire	Cat. No.	X 8556600	X 8667600	X 8888600	X 9667600	X 9778600	X 9999600	X 1078600	X 1089600	X 1010600
	List Each	$ 10.75	$ 10.75	$ 10.75	$ 25.90	$ 25.90	$ 25.90	$ 27.90	$ 27.90	$ 27.90
7 Wire	Cat. No.	X 8556700	X 8667700	X 8888700	X 9667700	X 9778700	X 9999700	X 1078700	X 1089700	X 1010700
	List Each	$ 10.75	$ 10.75	$ 10.75	$ 25.90	$ 25.90	$ 25.90	$ 27.90	$ 27.90	$ 27.90
8 Wire	Cat. No.	X 8556800	X 8667800	X 8888800	X 9667800	X 9778800	X 9999800	X 1078800	X 1089800	X 1010800
	List Each	$ 10.75	$ 10.75	$ 10.75	$ 25.90	$ 25.90	$ 25.90	$ 27.90	$ 27.90	$ 27.90
For W. P. Socket	Cat. No.	X 85564	X 86674	X 88884	X 96674	X 97784	X 99994	X 10784	X 10894	X 10104
	List Each	$ 11.15	$ 11.15	$ 11.15	$ 26.35	$ 26.35	$ 26.35	$ 28.35	$ 28.35	$ 28.35
METAL NIPPLE — 1-8 Male	Cat. No.	X 85565	X 86675	X 88885	X 96675	X 97785	X 99995	X 10785	X 10895	X 10105
	List Each	$ 10.85	$ 10.85	$ 10.85	$ 26.00	$ 26.00	$ 26.00	$ 28.00	$ 28.00	$ 28.00
1-8 Female	Cat. No.	X 85566	X 86676	X 88886	X 96676	X 97786	X 99996	X 10786	X 10896	X 10106
	List Each	$ 10.85	$ 10.85	$ 10.85	$ 26.00	$ 26.00	$ 26.00	$ 28.00	$ 28.00	$ 28.00
3-8 Male	Cat. No.	X 85567	X 86677	X 88887	X 96677	X 97787	X 99997	X 10787	X 10897	X 10107
	List Each	$ 10.90	$ 10.90	$ 10.90	$ 26.05	$ 26.05	$ 26.05	$ 28.05	$ 28.05	$ 28.05
3-8 Female	Cat. No.	X 85568	X 86678	X 88888	X 96678	X 97788	X 99998	X 10788	X 10898	X 10108
	List Each	$ 10.90	$ 10.90	$ 10.90	$ 26.05	$ 26.05	$ 26.05	$ 28.05	$ 28.05	$ 28.05
PORCELAIN NIPPLE — 1-8 Male	Cat. No.	X 85569	X 86679	X 88889	X 96679	X 97789	X 99999	X 10789	X 10899	X 10109
	List Each	$ 11.30	$ 11.30	$ 11.30	$ 26.45	$ 26.45	$ 26.45	$ 28.45	$ 28.45	$ 28.45
1-8 Female	Cat. No.	X 855610	X 866710	X 888810	X 966710	X 977810	X 999910	X 107810	X 108910	X 101010
	List Each	$ 11.30	$ 11.30	$ 11.30	$ 26.45	$ 26.45	$ 26.45	$ 28.45	$ 28.45	$ 28.45
3-8 Male	Cat. No.	X 855611	X 866711	X 888811	X 966711	X 977811	X 999911	X 107811	X 108911	X 101011
	List Each	$ 11.45	$ 11.45	$ 11.45	$ 26.60	$ 26.60	$ 26.60	$ 28.60	$ 28.60	$ 28.60
3-8 Female	Cat. No.	X 855612	X 866712	X 888812	X 966712	X 977812	X 999912	X 107812	X 108912	X 101012
	List Each	$ 11.45	$ 11.45	$ 11.45	$ 26.60	$ 26.60	$ 26.60	$ 28.60	$ 28.60	$ 28.60
Blank Metal	Cat. No.	X 855600	X 866700	X 888800	X 966700	X 977800	X 999900	X 107800	X 108900	X 101000
	List Each	$ 10.70	$ 10.70	$ 10.70	$ 25.80	$ 25.80	$ 25.80	$ 27.80	$ 27.80	$ 27.80

Type "X" Conduit Castings, Without Covers, but With Cover Screws

SIZE OF CONDUIT	3 x 1½ x 1½ x 2	3 x 2 x 2 x 2½	3 x 3 x 3 x 3	3½ x 2 x 2 x 2½	3½ x 2½ x 2½ x 3	3½ x 3½ x 3½ x 3½	4 x 2½ x 2½ x 3	4 x 3 x 3 x 3½	4 x 4 x 4 x 4
Catalogue Number	X 8556	X 8667	X 8888	X 9667	X 9778	X 9999	X 1078	X 1089	X 1010
Std. Pkg. not As'td.	5	5	5	5	5	5	5	5	5
Unit. Pkg. not As'td.	1	1	1	1	1	1	1	1	1
List Price Each	$ 9.95	$ 9.95	$ 9.95	$ 25.00	$ 25.00	$ 25.00	$ 27.00	$ 27.00	$ 27.00

Any assortment of type "X" Condulets listed on this page, with covers aggregating a total number of 25, entitles the purchaser to Standard Package discount. Standard Package discount is allowed on the same assortment of type "X" Condulets, without covers.

***All Condulets of the same type and size may be assorted to make up a Standard Package regardless of style of cover.**

Covers of all Condulets having the same size mains are interchangeable.

SHADE HOLDERS—For Crouse-Hinds Porcelain Receptacles

And Standard Brass Shell Sockets and Receptacles

NRS 2 1-4

NRS 3 1-4

NRH 2 1-4 (Holophane)

Shade Holders for Crouse-Hinds Porcelain Receptacles

SIZE OF SHADE	For 2¼ inch Shades	For 3¼ inch Shades	For 2¼ inch Holophane
Catalogue No.	NRS 2¼	NRS 3¼	NRH 2¼
Std. Pkg. not as'td	200	200	200
Unit Pkg. not as'td	10	10	10
List Price Each	$ .10	$ .20	$ .18

Shade Holders for Standard Brass Shell Sockets and Receptacles

SIZE OF SHADE	For 2¼ inch Shades	For 3¼ inch Shades	For 2¼ inch Holophane
Catalogue No.	BSS 2¼	BSS 3¼	BSH 2¼
Std. Pkg. not as'td	200	200	200
Unit Pkg. not as'td	10	10	10
List Price Each	$ .10	$ .20	$ .18

Shade Holders for Crouse-Hinds Porcelain Receptacles are identical with those for Brass Shell Sockets and Receptacles, except for the diameter of the clamping band, which in the latter case is smaller and arranged for Standard Brass Shell Sockets and Receptacles.

HOOKS—For Arc Lamps, Ceiling Fans and Similar Installations

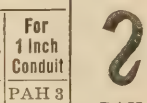
GAH Hook

Hooks Arranged for Guy Wire

SIZE OF HOOK	For ½ inch Conduit	For ¾ Inch Conduit	For 1 inch Conduit
Catalogue No.	GAH 1	GAH 2	GAH 3
Std. Pkg. not as'td	50	50	50
Unit Pkg. not as'td	5	5	5
List Price Each	$ .45	$ .45	$ .50

Plain Hooks

SIZE OF HOOK	For ½ and ¾ in. Conduit	For 1 Inch Conduit
Catalogue No.	PAH 2	PAH 3
Std. Pkg. not as'td	50	50
Unit Pkg. not as'td	5	5
List Price Each	$ .20	$ .20



PAH Hook

PORCELAIN INSULATORS

Porcelain Insulators for Types "M" and "O" Condulets

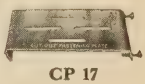
For Two-Wire Moulding	
Catalogue Number	PMO 2
Standard Package	200
Unit Package	10
List Price Each	$ .15

For Three-Wire Moulding	
Catalogue Number	PMO 3
Standard Package	200
Unit Package	10
List Price Each	$ .20

CUT-OUT FASTENING PLATES

CP 1

Cut-out Plates for 3-30 Ampere Cut-outs



CP 17

TYPE OF CONDULET	"YC"	"YC"	"YS"	"YS"	"YD" & "YX"	"YD" & "YX"	"FF"	"FF"
STYLE OF CUT-OUT	2 Wire	3 Wire	2 to 2 Wire	3 to 3 Wire	2 to 2 and 3 to 2 Wire	3 to 3 Wire	2 and 3 Wire	4 Wire
Catalogue No.	CP 1	CP 2	CP 3	CP 4	CP 5	CP 6	CP 7	CP 8
Standard Pkg.*	25	25	25	25	25	25	25	25
List Price Each	$ .25	$ .30	$ .25	$ .35	$ .45	$ .65	$ .25	$ .45

Cut-out Plates for 31-60 Ampere Cut-outs

TYPE OF CONDULET	"YC"	"YC"	"YS"	"YS"	"YD" & "YX"	"YD" & "YX"	"FF"	"FF"
STYLE OF CUT-OUT	2 Wire	3 Wire	2 to 2 Wire	3 to 3 Wire	2 to 2 and 3 to 2 Wire	3 to 3 Wire	2 and 3 Wire	4 Wire
Catalogue No.	CP 9	CP 10	CP 11	CP 12	CP 13	CP 14	CP 15	CP 16
Standard Pkg.*	25	25	25	25	25	25	25	25
List Price Each	$ .35	$ .45	$ .40	$ .55	$ .95	$ 1.30	$ .45	$ .85

Cut-out Plates for Types "ZC," "ZS," "ZD" and "ZX" Condulets

TYPE OF CONDULET	"ZC"	"ZS"	"ZD" & "ZX"
SWITCH CAPACITY OF CONDULET	5, 10 and 20 Ampere	5, 10 and 20 Ampere	5, 10 and 20 Ampere
Catalogue No.	CP 17	CP 18	CP 19
Standard Pkg.*	25	25	25
List Price Each	$ .20	$ .25	$ .35

Cut-out Plates for 3-30 Ampere 600 Volt Cut-outs

TYPE OF CONDULET	"FF"	"FF"
STYLE OF CUT-OUT	2 Wire	3 and 4 Wire
Catalogue Number	CP 20	CP 21
Standard Package*	25	25
List Price Each	$ .40	$ .75

One size of Cut-out Fastening Plate is made to fit all sizes of Condulets of the same type and designed for the same style or styles of Cut-outs.

*No assortment of Cut-out Plates is allowed.

GASKETS

Cover Gaskets for Types "A," "B," "C," "D," "E," "F," "LB," "LF," "LL," "LR," "T," "TL," "TR," "U," "X" and Sprague Condulets

Gask 1

SIZE CONDUIT	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
Cat. No.	Gask 1	Gask 2	Gask 3	Gask 4	Gask 5	Gask 6	Gask 7	Gask 8	Gask 9	Gask 10
Std. Pkg.*	200	100	50	25	25	25	25	25	25	25
List Each	$ .10	$ .10	$ .15	$ .20	$ .20	$ .25	$ .40	$ .40	$ .50	$ .60

Coupling Gaskets for Type "F" Condulets

Gask 11

SIZE CONDUIT	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
Cat. No.	Gask 11	Gask 12	Gask 13	Gask 14	Gask 15	Gask 16	Gask 17	Gask 18	Gask 19	Gask 20
Std. Pkg.*	100	100	50	25	25	25	25	25	25	25
List Each	$ .05	$ .05	$ .08	$ .10	$ .10	$ .15	$ .20	$ .20	$ .40	$ .50

Cover Gaskets for Types "G," "GL," "GT," "GX," "H" and "HA" Condulets

Gask 21

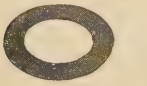
For ½, ¾ and 1 inch Condulets		
SIZE OF COVER	For 5 and 10 Amp. Cover	For 20 Amp. Cover
Cat. No.	Gask 21	Gask 22
Std. Pkg.*	150	75
List Each	$ .10	$ .15

Gaskets for Types "J," "JA," "JB," "JL," "JT," "JX," "K," "KA," "KB," "KC" and "KD" Condulets

For ½, ¾ and 1 inch Condulets	
Made in one size only	
Catalogue Number	Gask 23
Standard Package*	200
List Each	$ .10

Gask 23

Globe Gaskets for Types "V," "VC," "VL," "VT," "VX" and "VA" Condulets

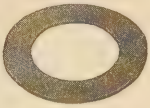


Gask 24

For ½, ¾ and 1 inch Condulets	
Made in one size only	
Catalogue Number	Gask 24
Standard Package*	75
List Each	$ .15

Globe Gaskets for Types "VH," "VHC," "VHL," "VHT," "VHX" and "VHA" Condulets

For ½, ¾ and 1 inch Condulets	
Made in one size only	
Catalogue Number	Gask 25
Standard Package*	75
List Each	$ .20



Gask 25

SCREWS AND STOVE BOLTS WITH NUTS

Swivel Screws

LOCATION	FOR ATTACHING PORCELAIN COVERS, SWITCHES AND FITTINGS TO SWIVELS		FOR ATTACHING METAL COVERS TO SWIVELS		FOR ATTACHING SWIVEL TO CONDULET		
TYPE OF CONDULET	Types "G," "GL," "GT," "GX," "H," "HA," "ZC," "ZS," "ZD" and "ZX" Condulets		Types "G," "GL," "GT," "GX," "H" and "HA" Condulets		Types "G," "GL," "GT," "GX," "H," "HA," "ZC," "ZS," "ZD," "ZX," "QHA," "QHB," "QHC," "QHL," "QHT," "QKA," "QKB," "QKC," "QKL" and "QKT" Condulets		
SIZE OF CONDULET	½, ¾ and 1 inch		½, ¾ and 1 inch		SIZE OF CONDULET	Swivel Fastening Screws	
	5 and 10 Ampere	20 Ampere	5 and 10 Ampere	20 Ampere			
Size Screw	5/8x6—32	7/8x8—32	5/8x6—32	5/8x8—32	½, ¾ and 1 in. Condulets	5, 10 and 20 Amp.	Size Screw 5/8x8—32
Cat. No.	Screw 4	Screw 6	Screw 4	Screw 2			Cat. No. Screw 2
Std. Pkg.†	500	500	500	500			Std. Pkg.† 500
List per 100	$ 1.00	$ 1.75	$ 1.00	$ 1.00			List per 100 $ 1.00

Stove Bolts with Nuts for Switch Straps

FOR ATTACHING SWIVELS TO SWITCHES		
Types "QHA," "QHB," "QHC," "QHL," "QHT" "QKA" "QKB," "QKC," "QKL" and "QKT" Condulets		
SIZE OF CONDULET	½, ¾ and 1 inch	
	5 and 10 Ampere	20 Ampere
Size Bolt	7/8 x 1/8	1 1/8 x 3/8
Cat. No.	Bolt 1	Bolt 3
Std. Pkg.†	500	500
List per 100	$ 2.25	$ 2.35

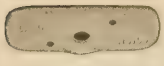
Screws for Attaching Standard Receptacles to ½, ¾ and 1 inch Condulets

For Types "N," "NC," "NL," "NT" and "NX" Condulets		For Types "S," "SC," "SL," "ST" and "SX" Condulets		For Types "V," "VC," "VL," "VT," "VX," "VA," "VH," "VHC," "VHL," "VHT," "VHX" and "VHA" Condulets		For Type "W," "WC," "WL," "WT" and "WX" Condulets	
Size of Screw	5/8 x 6—32	Size of Screw	3/4 x 6—32	Size of Screw	1/2 x 6—32	Size of Screw	1/2 x 6—32
Cat. No.	Screw 17	Cat. No.	Screw 20	Cat. No.	Screw 12	Cat. No.	Screw 12
Std. Pkg.†	500	Std. Pkg.†	500	Std. Pkg.†	500	Std. Pkg.†	500
List per 100	$ 1.00	List per 100	$ 1.20	List per 100	$ .80	List per 100	$ .80

*No assortment of Gaskets is allowed.
†No assortment of Screws or Bolts is allowed.

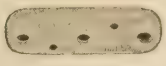
Listing of Screws and Stove Bolts with Nuts continued on following page.

CONDULET COVERS

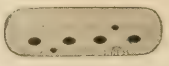


Porcelain 1 Wire Hole

Porcelain 2 Wire Hole



Porcelain 3 Wire Hole



Porcelain 4 Wire Hole

Porcelain 6 Wire Hole

For W. P. Socket

Metal Nipple 1-8 Male

Metal Nipple 1-8 Female

Metal Nipple 3-8 Male

Metal Nipple 3-8 Female

Porcelain Nipple 1-8 Male

Porcelain Nipple 1-8 Female

Porcelain Nipple 3-8 Male

Porcelain Nipple 3-8 Female

Blank Metal

STYLE OF COVER		SIZE OF COVER	½ inch	¾ inch	1 inch	1¼ inch	1½ inch	2 inch	2½ inch	3 inch	3½ inch	4 inch
		Std. Pkg. As'td*	200	100	50	20	10	5	5	5	5	5
		Unit Package	10	5	5	1	1	1	1	1	1	1
PORCELAIN WITH WIRE HOLES	1 Wire	Cat. No.	11	21	31	41	51	61	71	81	91	101
		List Each	$ .10	$ .15	$ .25	$ .36	$ .48	$ .60	$ .80	$ .80	$ .90	$ .90
	2 Wire	Cat. No.	12	22	32	42	52	62	72	82	92	102
		List Each	$ .10	$ .15	$ .25	$ .36	$ .48	$ .60	$ .80	$ .80	$ .90	$ .90
	3 Wire	Cat. No.	13	23	33	43	53	63	73	83	93	103
		List Each	$ .10	$ .15	$ .25	$ .36	$ .48	$ .60	$ .80	$ .80	$ .90	$ .90
	4 Wire	Cat. No.	1400	2400	3400	4400	5400	6400	7400	8400	9400	10400
		List Each	$ .10	$ .15	$ .25	$ .36	$ .48	$ .60	$ .80	$ .80	$ .90	$ .90
	5 Wire	Cat. No.	NOT	2500	3500	4500	5500	6500	7500	8500	9500	10500
		List Each	MADE	$ .15	$ .25	$ .36	$ .48	$ .60	$ .80	$ .80	$ .90	$ .90
	6 Wire	Cat. No.	NOT	2600	3600	4600	5600	6600	7600	8600	9600	10600
		List Each	MADE	$ .15	$ .25	$ .36	$ .48	$ .60	$ .80	$ .80	$ .90	$ .90
	7 Wire	Cat. No.	NOT	NOT	3700	4700	5700	6700	7700	8700	9700	10700
		List Each	MADE	MADE	$ .25	$ .36	$ .48	$ .60	$ .80	$ .80	$ .90	$ .90
	8 Wire	Cat. No.	NOT	NOT	3800	4800	5800	6800	7800	8800	9800	10800
		List Each	MADE	MADE	$ .25	$ .36	$ .48	$ .60	$ .80	$ .80	$ .90	$ .90
	For W. P. Socket	Cat. No.	14	24	34	44	54	64	74	84	94	104
		List Each	$ .16	$ .25	$ .40	$ .56	$ .73	$ .90	$ 1.15	$ 1.20	$ 1.35	$ 1.35
METAL NIPPLE	1-8 Male	Cat. No.	15	25	35	45	55	65	75	85	95	105
		List Each	$ .20	$ .25	$ .35	$ .46	$ .58	$ .70	$ .90	$ .90	$ 1.00	$ 1.00
	1-8 Female	Cat. No.	16	26	36	46	56	66	76	86	96	106
		List Each	$ .20	$ .25	$ .35	$ .46	$ .58	$ .70	$ .90	$ .90	$ 1.00	$ 1.00
	3-8 Male	Cat. No.	17	27	37	47	57	67	77	87	97	107
		List Each	$ .25	$ .30	$ .40	$ .51	$ .63	$ .75	$ .95	$ .95	$ 1.05	$ 1.05
	3-8 Female	Cat. No.	18	28	38	48	58	68	78	88	98	108
		List Each	$ .25	$ .36	$ .40	$ .51	$ .63	$ .75	$ .95	$ .95	$ 1.05	$ 1.05
PORCELAIN NIPPLE	1-8 Male	Cat. No.	19	29	39	49	59	69	79	89	99	109
		List Each	$ .25	$ .30	$ .43	$ .58	$ .72	$ .90	$ 1.20	$ 1.35	$ 1.45	$ 1.45
	1-8 Female	Cat. No.	110	210	310	410	510	610	710	810	910	1010
		List Each	$ .25	$ .30	$ .43	$ .58	$ .72	$ .90	$ 1.20	$ 1.35	$ 1.45	$ 1.45
	3-8 Male	Cat. No.	111	211	311	411	511	611	711	811	911	1011
		List Each	$ .35	$ .41	$ .53	$ .68	$ .82	$ 1.00	$ 1.30	$ 1.50	$ 1.60	$ 1.60
	3-8 Female	Cat. No.	112	212	312	412	512	612	712	812	912	1012
		List Each	$ .35	$ .41	$ .53	$ .68	$ .82	$ 1.00	$ 1.30	$ 1.50	$ 1.60	$ 1.60
	Blank Metal	Cat. No.	100	200	300	400	500	600	700	800	900	1000
		List Each	$ .08	$ .11	$ .23	$ .32	$ .45	$ .56	$ .75	$ .75	$ .80	$ .80

*Condulet Covers of the same size, listed above, may be assorted to make up a Standard Package regardless of style of cover.

Condulet Covers of the same size, listed above, are interchangeable.

CONDULET COVERS

Covers for Types "G," "GL," "GT," "GX," "H" and "HA" Condulets

Porcelain 1 Wire Hole

Metal Nipple 1-8 Male

Metal Nipple 1-8 Female

Metal Nipple 3-8 Male

Porcelain Nipple 1-8 Male

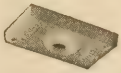
Porcelain Nipple 1-8 Female

Porcelain Nipple 3-8 Male

Porcelain Nipple 3-8 Female

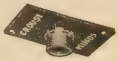
Blank Metal

Covers for Types "M" and "O" Condulets

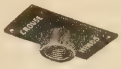


Porcelain 1 Wire Hole

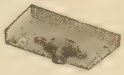
Metal Nipple 1-8 Male



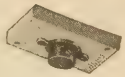
Metal Nipple 3-8 Male



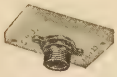
Metal Nipple 3-8 Female



Porcelain Nipple 1-8 Male



Porcelain Nipple 1-8 Female



Porcelain Nipple 3-8 Male

Porcelain Nipple 3-8 Female

Blank Metal

Covers for Types "G," "GL," "GT," "GX," "H" and "HA" Condulets

STYLE OF COVER		Covers for ½, ¾ and 1 Inch Condulets		
		SIZE OF COVER	For 5 and 10 Amp. Fittings	For 20 Amp. Fittings
		Std. Pkg. Assorted*	150	75
		Unit Package	5	5
Porcelain 1 Wire Hole		Catalogue No.	5101	201
		List Price Each	$ .10	$ .25
METAL NIPPLE	1-8 Male	Catalogue No.	5105	205
		List Price Each	$ .20	$ .35
	1-8 Female	Catalogue No.	5106	206
		List Price Each	$ .20	$ .35
	3-8 Male	Catalogue No.	5107	207
		List Price Each	$ .25	$ .40
	3-8 Female	Catalogue No.	5108	208
		List Price Each	$ .25	$ .40
PORCELAIN NIPPLE	1-8 Male	Catalogue No.	5109	209
		List Price Each	$ .25	$ .43
	1-8 Female	Catalogue No.	51010	2010
		List Price Each	$ .25	$ .43
	3-8 Male	Catalogue No.	51011	2011
		List Price Each	$ .35	$ .53
	3-8 Female	Catalogue No.	51012	2012
		List Price Each	$ .35	$ .53
Blank Metal		Catalogue No.	51000	2000
		List Price Each	$ .08	$ .23

Covers for Types "M" and "O" Condulets

STYLE OF COVER		SIZE OF COVER	For 2-Wire Moulding Condulets	For 3-Wire Moulding Condulets
		Std. Pkg. Assorted†	100	100
		Unit Package	5	5
Porcelain 1 Wire Hole		Catalogue No.	021	031
		List Price Each	$ .10	$ .15
METAL NIPPLE	1-8 Male	Catalogue No.	025	035
		List Price Each	$ .20	$ .25
	1-8 Female	Catalogue No.	026	036
		List Price Each	$ .20	$ .25
	3-8 Male	Catalogue No.	027	037
		List Price Each	$ .25	$ .30
	3-8 Female	Catalogue No.	028	038
		List Price Each	$ .25	$ .30
PORCELAIN NIPPLE	1-8 Male	Catalogue No.	029	039
		List Price Each	$ .25	$ .30
	1-8 Female	Catalogue No.	0210	0310
		List Price Each	$ .25	$ .30
	3-8 Male	Catalogue No.	0211	0311
		List Price Each	$ .35	$ .41
	3-8 Female	Catalogue No.	0212	0312
		List Price Each	$ .35	$ .41
Blank Metal		Catalogue No.	0200	0300
		List Price Each	$ .08	$ .11

Two sizes of covers are made for types "G," "GL," "GT," "GX," "H" and "HA" Condulets. One size fits the 5 and 10 ampere ½, ¾ and 1-inch Condulets. The other size fits the 20 ampere ½, ¾ and 1-inch Condulets.

Covers for types "G," "GL," "GT," "GX," "H" and "HA" Condulets, listed in the same column, are interchangeable.

***Covers for types "G," "GL," "GT," "GX," "H" and "HA" Condulets, listed in the same column, may be assorted to make up a Standard Package regardless of style of cover.**

Two sizes of covers are made for types "M" and "O" Condulets. One size fits the 2-wire moulding Condulets. The other size fits the 3-wire moulding Condulets.

Covers for types "M" and "O" Condulets, listed in the same column, are interchangeable.

†Covers for types "M" and "O" Condulets, listed in the same column, may be assorted to make up a Standard Package regardless of style of cover.

BRYANT PLUG FUSES.

No. 66327.
(½ Full Size.)

No. 329.
(½ Full Size.)

No. 1945.
(⅜ Full Size.)

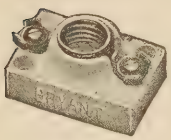
NATIONAL ELECTRICAL CODE STANDARD. 125 VOLTS.

Code Word.	List No.		Std. Pkg.	List Price, Each.
Zadeboy	66327	3 Ampere	500	$0.07
Zadeboz	66329	6 Ampere	500	.07
Zadebu	66331	10 Ampere	500	.07
Zadebub	66333	12 Ampere	500	.07
Zadebuc	66335	15 Ampere	500	.07
Zadebud	66337	20 Ampere	500	.07
Zadebuf	66339	25 Ampere	500	.07
Zadebug	66341	30 Ampere	500	.07

NON-ARCING, INDICATING.

NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

Zadebul	329	3 Ampere	100	.43
Zadebuk	330	4 Ampere	100	.43
Zadebul	331	5 Ampere	100	.43
Zadebum	332	6 Ampere	100	.43
Zadebun	333	8 Ampere	100	.43
Zadebup	334	10 Ampere	100	.43
Zadebur	335	12 Ampere	100	.43
Zadebus	336	15 Ampere	100	.43
Zadebut	337	18 Ampere	100	.43
Zadebuv	338	20 Ampere	100	.43
Zadebuw	339	25 Ampere	100	.43
Zadebux	340	30 Ampere	100	.43



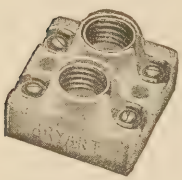
No. 62569.
(¼ Full Size.)

BRYANT PLUG FUSE CASINGS.

NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

Zadeby	1945	Casing for 0-30 Ampere Fuses.	100	.18
Zadebuz	1946	Casing for 31-60 Ampere Fuses.	100	.36

EDISON PLUG CUT-OUTS.

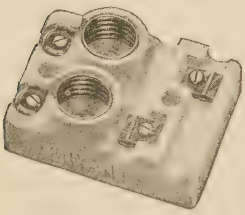


No. 62965.
(¼ Full Size.)

NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

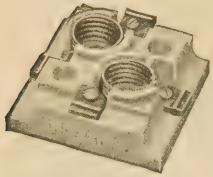
When fused with 250-volt non-arcing fuse plugs these Cut-Outs are approved for use on 250-volt circuits. When fused with Edison fuse plugs they are approved for use on 125-volt circuits.

Zadeca	62569	3-30 Ampere, Single Pole Main	150	.18
Zadecab	62965	3-30 Ampere, Double Pole Main	150	.30
Zadecac	1119	31-60 Ampere, Double Pole Main	50	1.50
Zadecad	61935	3-30 Ampere, Double Pole, Single Branch	100	.32
Zadecaf	1120	31-60 Ampere, Double Pole, Single Branch	50	1.75



No. 61935.
(¼ Full Size.)

EDISON PLUG CUT-OUTS.—(Continued.)



No. 8020.
(¼ Full Size.)

Code Word.	List No.			Std. Pkg.	List Price, Each.
Zadecag	8020	3-30	Ampere, Double Pole, Single or Double Cross Over Branch.	150	$0.36

No. 62587.
(¼ Full Size.)

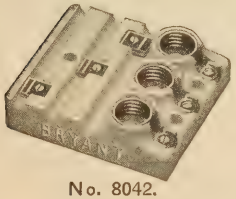
Zadecah	62587	3-30	Ampere, Double Pole, Double Branch.....	100	.62

No. 62199.
(¼ Full Size.)

Zadecak	62199	3-30	Ampere, Triple to Double Pole, Double Branch	100	.64

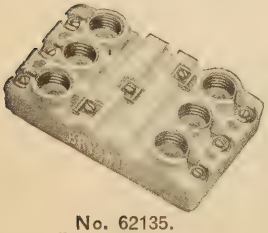
No. 62165.
(⅙ Full Size.)

Zadecal	62165	3-30	Ampere, Triple Pole, Main	100	.44
Zadecam	1121	31-60	Ampere, Triple Pole, Main	50	2.25



No. 8042.
(⅙ Full Size.)

Zadecan	8042	3-30	Ampere, Triple Pole, Single Branch.....	75	.54
Zadecap	1122	31-60	Ampere, Triple Pole, Single Branch.....	25	3.00



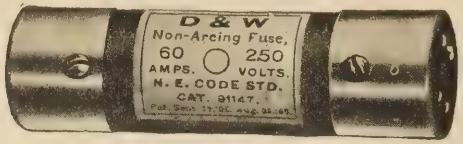
No. 62135.
(⅙ Full Size.)

Zadecar	62135	3-30	Ampere, Triple Pole, Double Branch.....	50	.90

"D & W" INDICATING CARTRIDGE FUSES.

NATIONAL ELECTRICAL CODE STANDARD.

3 to 600 Amperes. 250 Volts.



No. 91147.

Code Word.	List No.	Ampere Capacity.	Length, Inches.	Package, Net Weight.	Standard Package,	List Price Each.	Reload Price.
			For 30 Ampere Cut-Outs.				
Zacipuy	91125	3	2	4 lbs.	100	$0.25	....
Zacipuz	91126	4	2	4 lbs.	100	.25	....
Zacira	91127	5	2	4 lbs.	100	.25	....
Zacirab	91128	6	2	4 lbs.	100	.25	....
Zacirac	91130	7	2	4 lbs.	100	.25	....
Zacirad	91131	8	2	4 lbs.	100	.25	....
Zaciraf	91132	9	2	4 lbs.	100	.25	....
Zacirag	91133	10	2	4 lbs.	100	.25	....
Zacirah	91134	12	2	4 lbs.	100	.25	....
Zacirak	91135	15	2	4 lbs.	100	.25	....
Zaciral	91136	20	2	4 lbs.	100	.25	....
Zaciram	91137	25	2	4 lbs.	100	.25	....
Zaciran	91138	30	2	4 lbs.	100	.25	....
			For 60 Ampere Cut-Outs.				
Zacirap	91139	35	3	10 lbs.	100	.35	....
Zacirar	91140	40	3	10 lbs.	100	.35	....
Zaciras	91141	45	3	10 lbs.	100	.35	....
Zacirat	91143	50	3	10 lbs.	100	.35	....
Zacirav	91146	55	3	10 lbs.	100	.35	....
Zaciraw	91147	60	3	10 lbs.	100	.35	....

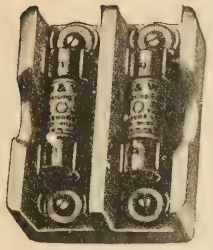
No. 91172.

			For 100 Ampere Cut-Outs.				
Zacirax	91149	65	5⅞	14 lbs.	50	.90	$0.60
Zaciray	91150	70	5⅞	14 lbs.	50	.90	.60
Zaciraz	91151	75	5⅞	14 lbs.	50	.90	.60
Zacire	91152	80	5⅞	14 lbs.	50	.90	.60
Zacireb	91153	85	5⅞	14 lbs.	50	.90	.60
Zacirec	91154	90	5⅞	14 lbs.	50	.90	.60
Zacired	91155	95	5⅞	14 lbs.	50	.90	.60
Zaciref	91156	100	5⅞	14 lbs.	50	.90	.60
			For 200 Ampere Cut-Outs.				
Zacireg	91157	110	7⅛	18 lbs.	25	2.00	.90
Zacireh	91158	120	7⅛	18 lbs.	25	2.00	.90
Zacirek	91161	125	7⅛	18 lbs.	25	2.00	.90
Zacirel	91162	150	7⅛	18 lbs.	25	2.00	.90
Zacirem	91163	175	7⅛	18 lbs.	25	2.00	.90
Zaciren	91164	200	7⅛	18 lbs.	25	2.00	.90
			For 400 Ampere Cut-Outs.				
Zacirep	91165	225	8⅝	40 lbs.	25	3.60	1.50
Zacirer	91166	250	8⅝	40 lbs.	25	3.60	1.50
Zacires	91167	275	8⅝	40 lbs.	25	3.60	1.50
Zaciret	91168	300	8⅝	40 lbs.	25	3.60	1.50
Zacirev	91169	325	8⅝	40 lbs.	25	3.60	1.50
Zacirew	91170	350	8⅝	40 lbs.	25	3.60	1.50
Zacirex	91171	375	8⅝	40 lbs.	25	3.60	1.50
Zacirey	91172	400	8⅝	40 lbs.	25	3.60	1.50
			For 600 Ampere Cut-Outs.				
Zacirez	91173	450	10⅜	28 lbs.	10	5.50	2.00
Zaciri	91174	500	10⅜	28 lbs.	10	5.50	2.00
Zacirib	91175	550	10⅜	28 lbs.	10	5.50	2.00
Zaciric	91176	600	10⅜	28 lbs.	10	5.50	2.00

"D & W" CARTRIDGE FUSE CUT-OUTS.

NATIONAL ELECTRICAL CODE STANDARD.

0 to 600 Amperes. 250 Volts.



No. 91102.

PORCELAIN BASES.

Single Pole—Main Line.

Code Word.	List No.	Amp. Cap.	Pkg. Net Weight Lbs.	Std. Pkg.	List Price Each.
Zacipub	91101	0- 30	13	50	$0.40
Zacipun	91107	31- 60	30	50	.65
Zacirid	91114	61-100	79	50	1.40

Double Pole—Main Line.

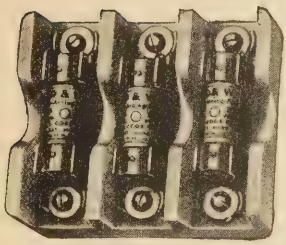
Zacipuc	91102	0- 30	37	50	.55
Zacipup	91108	31- 60	81	50	1.40
Zacirif	91119	61-100	156	50	2.80

Single Branch.

Zacipuf	91104	0- 30	60	50	.70
Zacipus	91110	31- 60	121	50	1.75

Double Branch.

Zacipuh	91106	0- 30	50	25	1.30
Zacipuv	91113	31- 60	134	25	3.50



No. 91103.

Triple Pole—Main Line.

Zacipud	91103	0- 30	51	50	.80
Zacipur	91109	31- 60	117	50	2.00
Zacirig	91120	61-100	117	25	4.00

Single Branch.

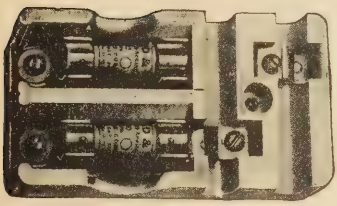
Zacipug	91105	0- 30	90	50	1.35
Zaciput	91111	31- 60	250	50	3.00

Double Branch.

Zacipuk	91100	0- 30	91	25	2.25
Zacipuw	91123	31- 60	95	10	6.00

3 to 2 Wire Double Branch.

Zacipul	91121	0- 30	65	25	1.50
Zacipux	91124	31- 60	158	25	4.20



No. 91104.

2 Wire Cross-Over Branch.

Zacipum	91122	0-30	53	50	.65

SLATE BASES.

Single Pole—Main Line.

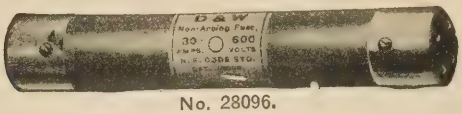
Zacirih	91115	101-200	167	50	2.75
Zacirik	91117	201-400	138	25	7.00
Zaciril	91118	401-600	93	10	11.00

No. 91118.

"D & W" INDICATING CARTRIDGE FUSES.

NATIONAL ELECTRICAL CODE STANDARD.

3 to 600 Amperes. 600 Volts.



No. 28096.

Code Word.	List No.	Ampere Capacity.	Length, Inches.	Package Net Weight.	Standard Package.	List Price Each.	Reload Price
			For 30 Ampere Cut-Outs.				
Zacirim	28084	3	5	14 lbs.	100	$0.40	....
Zacirin	28085	4	5	14 lbs.	100	.40	....
Zaciriр	28086	5	5	14 lbs.	100	.40	....
Zacirir	28087	6	5	14 lbs.	100	.40	....
Zaciris	28088	7	5	14 lbs.	100	.40	....
Zacirit	28089	8	5	14 lbs.	100	.40	....
Zaciriv	28090	9	5	14 lbs.	100	.40	....
Zaciriw	28091	10	5	14 lbs.	100	.40	....
Zacirix	28092	12	5	14 lbs.	100	.40	....
Zaciriy	28093	15	5	14 lbs.	100	.40	....
Zaciriz	28094	20	5	14 lbs.	100	.40	....
Zaciro	28095	25	5	14 lbs.	100	.40	....
Zacirob	28096	30	5	14 lbs.	100	.40	....
			For 60 Ampere Cut-Outs.				
Zacirоc	28097	35	5½	22 lbs.	100	.60	....
Zacirod	28098	40	5½	22 lbs.	100	.60	....
Zacirof	28099	45	5½	22 lbs.	100	.60	....
Zacirog	28100	50	5½	22 lbs.	100	.60	....
Zaciroh	28101	55	5½	22 lbs.	100	.60	....
Zacirok	28102	60	5½	22 lbs.	100	.60	....

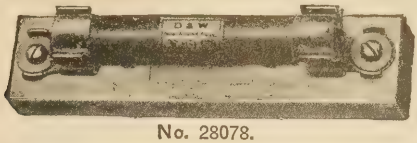
No. 28128.

			For 100 Ampere Cut-Outs.				
Zacirol	28103	65	7⅞	23 lbs.	50	1.50	.80
Zacirom	28104	70	7⅞	23 lbs.	50	1.50	.80
Zaciron	28105	75	7⅞	23 lbs.	50	1.50	.80
Zacirop	28106	80	7⅞	23 lbs.	50	1.50	.80
Zaciror	28107	85	7⅞	23 lbs.	50	1.50	.80
Zaciros	28108	90	7⅞	23 lbs.	50	1.50	.80
Zacirot	28109	95	7⅞	23 lbs.	50	1.50	.80
Zacirov	28110	100	7⅞	23 lbs.	50	1.50	.80
			For 200 Ampere Cut-Outs.				
Zacirow	28111	110	9⅝	34 lbs.	25	2.50	1.20
Zacirox	28112	120	9⅝	34 lbs.	25	2.50	1.20
Zaciroy	28113	125	9⅝	34 lbs.	25	2.50	1.20
Zaciroz	28114	150	9⅝	34 lbs.	25	2.50	1.20
Zaciru	28115	175	9⅝	34 lbs.	25	2.50	1.20
Zacirub	28116	200	9⅝	34 lbs.	25	2.50	1.20
			For 400 Ampere Cut-Outs.				
Zaciruc	28117	225	11⅝	77 lbs.	25	5.50	2.00
Zacirud	28118	250	11⅝	77 lbs.	25	5.50	2.00
Zaciruf	28119	275	11⅝	77 lbs.	25	5.50	2.00
Zacirug	28120	300	11⅝	77 lbs.	25	5.50	2.00
Zaciruh	28121	325	11⅝	77 lbs.	25	5.50	2.00
Zaciruk	28122	350	11⅝	77 lbs.	25	5.50	2.00
Zacirul	28123	375	11⅝	77 lbs.	25	5.50	2.00
Zacirum	28124	400	11⅝	77 lbs.	25	5.50	2.00
			For 600 Ampere Cut-Outs.				
Zacirun	28125	450	13⅜	49 lbs.	10	8.00	3.00
Zacirup	28126	500	13⅜	49 lbs.	10	8.00	3.00
Zacirur	28127	550	13⅜	49 lbs.	10	8.00	3.00
Zacirus	28128	600	13⅜	49 lbs.	10	8.00	3.00

"D & W" CARTRIDGE FUSE CUT-OUTS.

NATIONAL ELECTRICAL CODE STANDARD.

0 to 600 Amperes. 600 Volts.



No. 28078.

FERRULE CONTACT.—Single Pole Porcelain.

Code Word.	List No.	Ampere Capacity.	Package Net Weight, Lbs.	Std. Pkg.	List Price Each.
Zacirut	28076	0 to 30	48	50	$0.60
Zaciruv	28077	31 to 60	54	50	.90

No. 28079.

KNIFE BLADE CONTACT.—Single Pole Porcelain.

Zaciruw	28078	61 to 100	102	50	1.75
		Single Pole Slate.			
Zacirux	28079	101 to 200	212	50	3.00
Zaciruy	28080	201 to 400	181	25	8.00
Zaciruz	28081	401 to 600	108	10	12.00

"D & W" PLUG FUSE CASES.

NATIONAL ELECTRICAL CODE STANDARD.

0 to 60 Amperes. 250 Volts.

Zafusev	190	0 to 30	17	100	.18
Zafusew	191	31 to 60	50	100	.36

"D & W" INDICATING PLUG FUSES.

TYPE C, NATIONAL ELECTRICAL CODE STANDARD.

3 to 30 Amperes. 250 Volts.

						Reload Price.
Zacisa	403	3	9 lbs.	100	$0.43	$0.25
Zacisab	404	4	9 lbs.	100	.43	.25
Zacisac	405	5	9 lbs.	100	.43	.25
Zacisad	406	6	9 lbs.	100	.45	.25
Zacisaf	408	8	9 lbs.	100	.43	.25
Zacisag	410	10	9 lbs.	100	.43	.25
Zacisah	412	12	9 lbs.	100	.43	.25
Zacisak	415	15	9 lbs.	100	.43	.25
Zacisal	418	18	9 lbs.	100	.43	.25
Zacisam	420	20	9 lbs.	100	.43	.25
Zacisan	425	25	9 lbs.	100	.43	.25
Zacisap	430	30	9 lbs.	100	.43	.25

No. 190.

No. 410.

"D & W" RENEWABLE PLUG FUSE CASES.

TYPE B, FOR EDISON TYPE CUT-OUT.

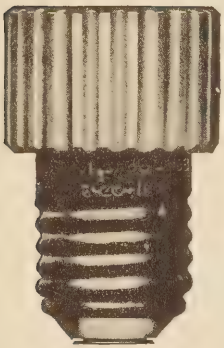
0 to 30 Amperes. 250 Volts.

Code Word.	List No.	Mfr. No.	Amperes Capacity.	Pkg., net Wgt., Lbs.	Std. Pkg.	List Price With Fuse.	List Price Without Fuse.
Zacisub	16596	100	0-30	12	100	$0.43	$0.25

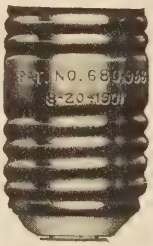
TYPE B, FOR USE IN G. E. 60 AMPERE PLUG CUT-OUT.

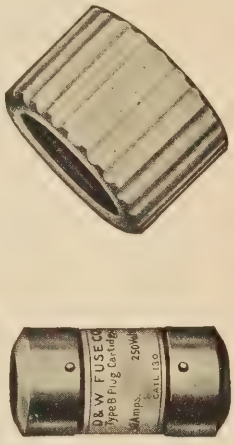
31 to 75 Amperes. 250 Volts.

Zacisut	16611	131	31-75	24	100	....	.50



No. 16596.





No. 16609.

"D & W" PLUG CARTRIDGES.

TYPE B, FOR USE IN 30 AMPERE TYPE B PLUG FUSE CASE.

Zacisuc	16598	103	3	3	100	.18
Zacisud	16599	104	4	3	100	.18
Zacisuf	16600	105	5	3	100	.18
Zacisug	16601	106	6	3	100	.18
Zacisuh	16602	108	8	3	100	.18
Zacisuk	16603	110	10	3	100	.18
Zacisul	16604	112	12	3	100	.18
Zacisum	16605	115	15	3	100	.18
Zacisun	16606	118	18	3	100	.18
Zacisup	16607	120	20	3	100	.18
Zacisur	16608	125	25	3	100	.18
Zacisus	16609	130	30	3	100	.18

TYPE B, FOR USE IN 75 AMPERE TYPE B PLUG FUSE CASE.

Zacisuv	16612	135	35	12	100	.35
Zacisuw	16613	140	40	12	100	.35
Zacisux	16614	145	45	12	100	.35
Zacisuy	16615	150	50	12	100	.35
Zacisuz	16616	155	55	12	100	.35
Zacita	16617	160	60	12	100	.35
Zacitab	16618	165	65	6	50	.90
Zacitac	16619	170	70	6	50	.90
Zacitad	16620	175	75	6	50	.90

"D & W" INDICATING CARTRIDGE FUSES.

KNIFE BLADE CONTACT, STANDARD DIMENSIONS.

0-100 Amperes. 2500 Volts.

Code Word.	List No.	Mfr. No.	Amp. Capac.	For Cut-Outs. Amp.	Length, Ins.	Package Net Wt. Lbs.	Std. Pkg.	List Price. Each.	Reload Price.
Zafutin	46952	6003	3	30	10	28	50	$1.50	$1.10
Zafutip	46953	6004	4	30	10	28	50	1.50	1.10
Zafutir	46954	6005	5	30	10	28	50	1.50	1.10
Zafutis	46955	6006	6	30	10	28	50	1.50	1.10
Zafutit	46956	6007	7	30	10	28	50	1.50	1.10
Zafutiv	46957	6008	8	30	10	28	50	1.50	1.10
Zafutiw	46958	6009	9	30	10	28	50	1.50	1.10
Zafutix	46959	6010	10	30	10	28	50	1.50	1.10
Zafutiy	46960	6012	12	30	10	28	50	1.50	1.10
Zafutiz	46361	6015	15	30	10	28	50	1.50	1.10
Zafuto	46962	6020	20	30	10	28	50	1.50	1.10
Zafutob	46963	6025	25	30	10	28	50	1.50	1.10
Zafutoc	46964	6030	30	30	10	28	50	1.50	1.10
Zafutod	46965	6035	35	60	10½	16	25	2.00	1.30
Zafutof	46966	6040	40	60	10½	16	25	2.00	1.30
Zafutog	46967	6045	45	60	10½	16	25	2.00	1.30
Zafutoh	46968	6050	50	60	10½	16	25	2.00	1.30
Zafutok	46969	6055	55	60	10½	16	25	2.00	1.30
Zafutol	46970	6060	60	60	10½	16	25	2.00	1.30
Zafutom	46971	6065	65	100	11	18	25	3.00	1.60
Zafuton	46972	6070	70	100	11	18	25	3.00	1.60
Zafutop	46973	6075	75	100	11	18	25	3.00	1.60
Zafutor	46974	6080	80	100	11	18	25	3.00	1.60
Zafutos	46975	6085	85	100	11	18	25	3.00	1.60
Zafutot	46976	6090	90	100	11	18	25	3.00	1.60
Zafutov	46977	6095	95	100	11	18	25	3.00	1.60
Zafutow	46978	6100	100	100	11	18	25	3.00	1.60

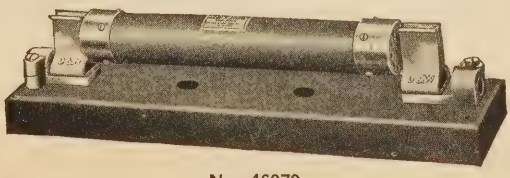
No. 6030.

"D & W" CARTRIDGE FUSE CUT-OUTS.

KNIFE BLADE CONTACT, STANDARD DIMENSIONS.

0-100 Amperes. 2500 Volts.

				Description.			List Price Each.
Zafutox	46979	60030	0- 30	Single Pole Slate.....	81	25	2.25
Zafutoy	46980	60060	31- 60	Single Pole Slate.....	86	25	2.50
Zafutoz	46981	60100	61-100	Single Pole Slate.....	91	25	2.75



No. 46979.

"D & W" CABLE LUGS.

NATIONAL ELECTRICAL CODE STANDARD. 250-600 VOLTS.

Front Connection.

Code Word.	List No.	Ampere Capacity.	Style.	Std. Pkg.	List Price Each.
Zacisar	1572	60	Stamped	100	$0.08
Zacisat	1573	100	Tubular	100	.10
Zacisav	1574	200	Tubular	100	.14
Zacisaw	1575	400	Tubular	50	.40
Zacisas	1576	600	Tubular	20	.60

NATIONAL ELECTRICAL CODE STANDARD. 250-600 VOLTS.

Rear Connection.

Zacisem	2601	60	Stamped	100	.03
Zacisen	2602	100	Cast	100	.24
Zacisep	2603	200	Cast	100	.44
Zaciser	2604	400	Cast	50	.90
Zacises	2605	600	Cast	20	1.60

"D & W" FUSE CLIPS.

Without Fittings.

NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

Zacised	1587	30	Ferrule N. E. Code Standard.....	100	.03
Zacisef	1588	60	Ferrule N. E. Code Standard.....	100	.06½
Zaciseg	1589	100	Knife Blade N. E. Code Standard..	100	.14
Zaciseh	1590	200	Knife Blade N. E. Code Standard..	100	.30
Zacisek	1591	400	Knife Blade N. E. Code Standard..	50	1.00
Zacisel	1592	600	Knife Blade N. E. Code Standard..	20	2.50

NATIONAL ELECTRICAL CODE STANDARD. 600 VOLTS.

Zacisi	2610	30	Ferrule N. E. Code Standard.....	100	.06
Zacisib	2611	60	Ferrule N. E. Code Standard.....	100	.09
Zacisic	2612	100	Knife Blade N. E. Code Standard..	100	.14
Zacisid	2613	200	Knife Blade N. E. Code Standard..	100	.30
Zacisif	2614	400	Knife Blade N. E. Code Standard..	50	1.00
Zacisig	2615	600	Knife Blade N. E. Code Standard..	20	2.50

"D & W" FUSE TERMINALS COMPLETE.

NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

Word. Code	No. List	Capacity. Ampere	Style.	Std. Pkg.	Front Connection.	Rear Connection.
Zacisax	1577	30	Ferrule N. E. Code Standard.....	100	.10	.25
Zacisay	1578	60	Ferrule N. E. Code Standard.....	100	.20	.44
Zacisaz	1579	100	Knife Blade N. E. Code Standard..	100	.50	2.00
Zacise	1584	200	Knife Blade N. E. Code Standard..	100	1.10	3.40
Zaciseb	1585	400	Knife Blade N. E. Code Standard..	50	3.00	6.00
Zacisec	1586	600	Knife Blade N. E. Code Standard..	20	5.00	10.00

NATIONAL ELECTRICAL CODE STANDARD. 600 VOLTS.

Zaciset	2620	30	Ferrule N. E. Code Standard.....	100	.14	.30
Zacisev	2621	60	Ferrule N. E. Code Standard.....	100	.24	.50
Zacisew	2622	100	Knife Blade N. E. Code Standard..	100	.50	2.00
Zacisex	2623	200	Knife Blade N. E. Code Standard..	100	1.10	3.40
Zacisey	2624	400	Knife Blade N. E. Code Standard..	50	3.00	6.00
Zacisez	2625	600	Knife Blade N. E. Code Standard..	20	5.00	10.00

In ordering terminals for rear connections, be particular to specify the thickness of the Switchboard.

Ferrule Contact Clip.

Ferrule Contact Rear Connection Terminal.

Ferrule Contact Front Connection Terminal.

Knife Blade Contact Clip.

"D & W" INDICATING CARTRIDGE FUSES.

TYPE A, SCREW CLAMP CONTACT.

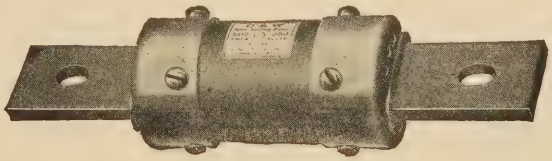
3 to 500 Amperes. 250 Volts.

No. 49658.

Code Word.	List No.	Mfr. No.	Ampere Capacity.	Center, Inches.	Pkg., Net Weight.	Standard Package.	List Price Each	Reload Price.
			For 6 Ampere Cut-Outs.					
Zabefid	49642	203	3	2 9/16	3 lbs.	100	$0.25	....
Zabefif	49643	204	4	2 9/16	3 lbs.	100	.25	....
Zabefig	49644	205	5	2 9/16	3 lbs.	100	.25	....
Zabefih	49645	206	6	2 9/16	3 lbs.	100	.25	....
			For 15 Ampere Cut-Outs.					
Zabefik	49646	208	8	3 1/16	4 lbs.	100	.25	....
Zabefil	49647	210	10	3 1/16	4 lbs.	100	.25	....
Zabefim	49648	212	12	3 1/16	4 lbs.	100	.25	....
Zabefin	49649	215	15	3 1/16	4 lbs.	100	.25	....
			For 30 Ampere Cut-Outs.					
Zabefip	49650	218	18	3 13/16	7 lbs.	100	.25	....
Zabefir	49651	220	20	3 13/16	7 lbs.	100	.25	....
Zabefis	49652	225	25	3 13/16	7 lbs.	100	.25	....
Zabefit	49653	230	30	3 13/16	7 lbs.	100	.25	....
			For 60 Ampere Cut-Outs.					
Zabefiv	49654	235	35	4 9/16	12 lbs.	100	.35	....
Zabefiw	49655	240	40	4 9/16	12 lbs.	100	.35	....
Zabefix	49656	245	45	4 9/16	12 lbs.	100	.35	....
Zabefiz	49657	250	50	4 9/16	12 lbs.	100	.35	....
Zabefo	49658	260	60	4 9/16	12 lbs.	100	.35	....
			For 100 Ampere Cut-Outs.					
Zabefob	49659	265	65	5 13/16	13 lbs.	50	.90	$0.60
Zabefod	49660	270	70	5 13/16	13 lbs.	50	.90	.60
Zabefof	49661	275	75	5 13/16	13 lbs.	50	.90	.60
Zabefog	49662	280	80	5 13/16	13 lbs.	50	.90	.60
Zabefoh	49663	290	90	5 13/16	13 lbs.	50	.90	.60
Zabefok	49664	300	100	5 13/16	13 lbs.	50	.90	.60
Zabefol	49665	310	110	5 13/16	7 lbs.	25	2.00	.90
Zabefom	49666	320	120	5 13/16	7 lbs.	25	2.00	.90
Zabefon	49667	325	125	5 13/16	7 lbs.	25	2.00	.90

No. 49674.

			For 200 Ampere Cut-Outs.					
Zabefop	49668	330	150	6 3/4	16 lbs.	25	2.00	.90
Zabefor	49669	335	175	6 3/4	16 lbs.	25	2.00	.90
Zabefos	49670	340	200	6 3/4	16 lbs.	25	2.00	.90
Zabefot	49671	345	225	6 3/4	16 lbs.	25	3.60	1.50
Zabefov	49672	350	250	6 3/4	16 lbs.	25	3.60	1.50
Zabefow	49673	355	275	6 3/4	16 lbs.	25	3.60	1.50
Zabefox	49674	360	300	6 3/4	16 lbs.	25	3.60	1.50



No. 49678.

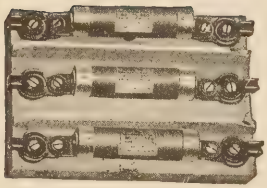
			For 400 Ampere Cut-Outs.					
Zabefoz	49675	365	350	6 3/4	40 lbs.	25	3.60	1.50
Zabefu	49676	370	400	6 3/4	40 lbs.	25	3.60	1.50
Zabefub	49677	375	450	6 3/4	16 lbs.	10	5.50	2.00
Zabefud	49678	380	500	6 3/4	16 lbs.	10	5.50	2.00

"D & W" CARTRIDGE FUSE CUT-OUTS.

TYPE A, SCREW CLAMP CONTACT.

0 to 400 Amperes. 250 Volts.

No. 49689.



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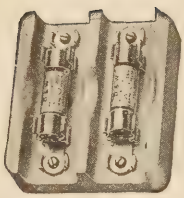

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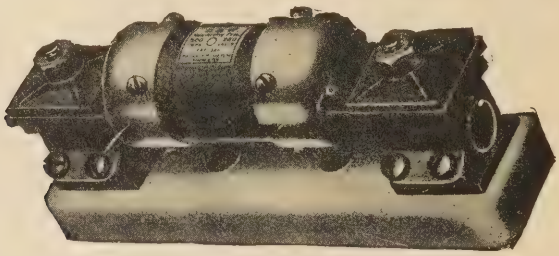
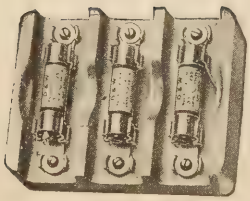


No. 49695.

Code Word.	List No.	Mfr. No.		Pkg. Net Wt. Lbs.	Std. Pkg.	List Price Each.
			6 Amperes Capacity.			
Zabefuf	49679	1254	Single Pole, Slate	18	50	$0.56
Zabefug	49680	1256	Double Pole, Porcelain	39	50	.72
Zabefuh	49681	1257	Triple Pole, Porcelain	70	50	1.00
			15 Amperes Capacity.			
Zabefuk	49682	1255	Single Pole, Slate	33	50	.58
Zabeful	49683	1258	Double Pole, Porcelain	48	50	.88
Zabefum	49684	1259	Triple Pole, Porcelain	84	50	1.20
			30 Amperes Capacity.			
Zabefun	49685	1266	Single Pole, Slate	40	50	.64
Zabefup	49686	1260	Double Pole, Porcelain	74	50	1.10
Zabefur	49687	1261	Triple Pole, Porcelain	124	50	1.75
			60 Amperes Capacity.			
Zabefus	49688	1267	Single Pole, Slate	59	50	.96
Zabefut	49689	1262	Double Pole, Porcelain	102	50	1.75
Zabefuv	49690	1263	Triple Pole, Porcelain	179	50	2.65
			100 Amperes Capacity.			
Zabefuw	49691	1268	Single Pole, Slate	129	50	1.40
Zabefux	49692	1264	Double Pole, Porcelain	210	50	2.80
Zabefuz	49693	1265	Triple Pole, Porcelain	189	25	5.00
			200 Amperes Capacity.			
Zabega	49694	1269	Single Pole, Porcelain	154	50	4.00
			400 Amperes Capacity.			
Zabegab	49695	1270	Single Pole, Porcelain	103	25	7.00

TYPE C, SPRING CLIP CONTACT.—0-400 Amperes. 250 Volts.



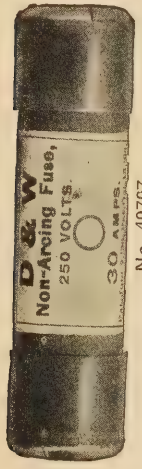
No. 49736.

			30 Amperes Capacity.			
Zabegig	49734	51759	Single, Slate	28	50	.72
Zabegih	49735	9551	Double, Porcelain..	87	50	.85
Zabegik	49736	9552	Triple, Porcelain...	133	50	1.30
Zabegil	49737	9553	Double, Single Branch, Porcelain	153	50	1.00
Zabegim	49738	9554	Triple, Single Branch, Porcelain	258	50	1.85
Zabegin	49739	51760	Double, Double Branch, Porcelain	196	50	1.50
			60 Amperes Capacity.			
Zabegip	49740	51761	Single, Slate	48	50	.96
Zabegir	49741	51753	Double, Porcelain..	127	50	1.75
Zabegis	49742	51755	Triple, Porcelain...	184	50	2.65
			100 Amperes Capacity.			
Zabegit	49743	51757	Single, Porcelain...	81	50	1.40
			200 Amperes Capacity.			
Zabegiv	49744	51763	Single, Slate	236	50	6.00
			400 Amperes Capacity.			
Zabegiw	49745	51765	Single, Slate	140	25	8.00

"D & W" INDICATING CARTRIDGE FUSES.

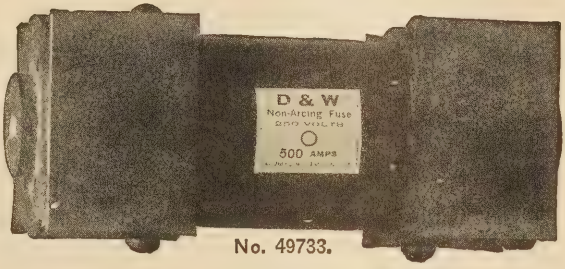
TYPE C, SPRING CLIP CONTACT. 3 to 500 Amperes. 250 Volts.

Code Word.	List No.	Mfr. No.	Ampere Capacity.	Length, Inches.	Pkg., Net Wgt., Lbs.	Qty. Pkg.	List Price, Each.	Reload Price.
For 30 Ampere Cut-Outs.								
Zabegad	49696	66326	3	2½	4	100	$0.25	....
Zabegaf	49697	66327	4	2½	4	100	.25	....
Zabegag	49698	66328	5	2½	4	100	.25	....
Zabegah	49699	66329	6	2½	4	100	.25	....
Zabegak	49700	66330	8	2½	4	100	.25	....
Zabegal	49701	66331	10	2½	4	100	.25	....
Zabegam	49702	66333	12	2½	4	100	.25	....
Zabegan	49703	66335	15	2½	4	100	.25	....
Zabegap	49704	66336	18	2½	4	100	.25	....
Zabegar	49705	66337	20	2½	4	100	.25	....
Zabegas	49706	66339	25	2½	4	100	.25	....
Zabegat	49707	66341	30	2½	4	100	.25	....
For 60 Ampere Cut-Outs.								
Zabegav	49708	66343	35	3⅝	10	100	.35	....
Zabegaw	49709	66345	40	3⅝	10	100	.35	....
Zabegax	49710	66347	45	3⅝	10	100	.35	....
Zabegaz	49711	66349	50	3⅝	10	100	.35	....
Zabege	49712	66351	55	3⅝	10	100	.35	....
Zabegeb	49713	66353	60	3⅝	10	100	.35	....



No. 49707.

No. 49722.



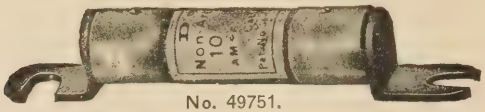
No. 49733.

For 100 Ampere Cut-Outs.								
Zabeged	49714	66354	65	4½	17	50	.90	$0.60
Zabegef	49715	66355	70	4½	17	50	.90	.60
Zabegeg	49716	66356	75	4½	17	50	.90	.60
Zabegeh	49717	66357	80	4½	17	50	.90	.60
Zabegek	49718	66359	90	4½	17	50	.90	.60
Zabegel	49719	66361	100	4½	17	50	.90	.60
Zabegem	49720	66363	110	4½	9	25	2.00	.90
Zabegen	49721	66365	120	4½	9	25	2.00	.90
Zabegep	49722	66367	125	4½	9	25	2.00	.90
For 200 Ampere Cut-Outs.								
Zabeger	49723	66369	150	6	52	25	2.00	.90
Zabeges	49724	66371	175	6	52	25	2.00	.90
Zabeget	49725	66373	200	6	52	25	2.00	.90
Zabegev	49726	66375	225	6	52	25	3.60	1.50
Zabegew	49727	66377	250	6	52	25	3.60	1.50
Zabegex	49728	66379	275	6	52	25	3.60	1.50
Zabegez	49729	66381	300	6	52	25	3.60	1.50
For 400 Ampere Cut-Outs.								
Zabegi	49730	66383	350	6	70	25	3.60	1.50
Zabegib	49731	66385	400	6	70	25	3.60	1.50
Zabegid	49732	66387	450	6	28	10	5.50	2.00
Zabegif	49733	66389	500	6	28	10	5.50	2.00

"D & W" BABY CARTRIDGE FUSES.

TYPE A, SCREW CLAMP CONTACT.

3 to 15 Amperes. 250 Volts.



No. 49751.

Code Word.	List No.	Mfr. No.	Ampere Capacity.	Center, Inches.	Package Net Weight.	Std. Pkg.	List Price Each.
Zabegix	49746	1703	3	2¼	2 lbs.	100	$0.25
Zabegiz	49747	1704	4	2¼	2 lbs.	100	.25
Zabego	49748	1705	5	2¼	2 lbs.	100	.25
Zabegob	49749	1706	6	2¼	2 lbs.	100	.25
Zabegod	49750	1708	8	2¼	2 lbs.	100	.25
Zabegof	49751	1710	10	2¼	2 lbs.	100	.25
Zabegog	49752	1712	12	2¼	2 lbs.	100	.25
Zabegoh	49753	1715	15	2¼	2 lbs.	100	.25

TYPE "C" SPRING CLIP CONTACT.

3 to 15 Amperes. 250 Volts.

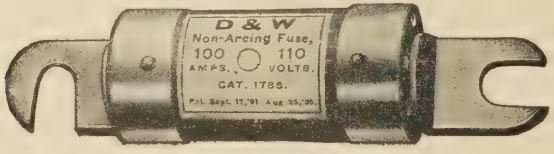
No. 49759.

Zabegok	49754	1723	3	1½	1 lb.	100	.18
Zabegol	49755	1724	4	1½	1 lb.	100	.18
Zabegom	49756	1725	5	1½	1 lb.	100	.18
Zabegon	49757	1726	6	1½	1 lb.	100	.18
Zabegop	49758	1728	8	1½	1 lb.	100	.18
Zabegor	49759	1729	10	1½	1 lb.	100	.18
Zabegos	49760	1730	12	1½	1 lb.	100	.18
Zabegot	49761	1731	15	1½	1 lb.	100	.18

"D & W" PANEL CARTRIDGE FUSES.

TYPE A, SCREW CLAMP CONTACT.

3 to 100 Amperes. 110 Volts.



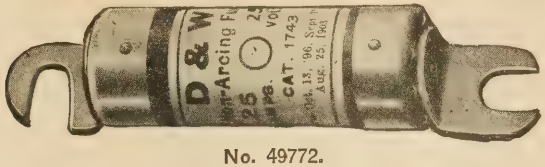
No. 16595.

Zacisiy	16573	1763	3	2½	4 lbs.	100	.25
Zacisiz	16574	1764	4	2½	4 lbs.	100	.25
Zaciso	16575	1765	5	2½	4 lbs.	100	.25
Zacisob	16576	1766	6	2½	4 lbs.	100	.25
Zacisoc	16577	1767	8	2½	4 lbs.	100	.25
Zacisod	16578	1768	10	2½	4 lbs.	100	.25
Zacisof	16579	1769	12	2½	4 lbs.	100	.25
Zacisog	16621	1770	15	2½	4 lbs.	100	.25
Zacisoh	16581	1771	18	2½	4 lbs.	100	.25
Zacisok	16582	1772	25	2½	4 lbs.	100	.25
Zacisol	16583	1773	30	2½	4 lbs.	100	.25
Zacisom	16584	1774	35	2½	4 lbs.	100	.35
Zacison	16585	1775	40	2½	4 lbs.	100	.35
Zacisop	16586	1776	45	2½	4 lbs.	100	.35
Zacisor	16587	1777	50	2½	4 lbs.	100	.35
Zacisos	16588	1778	55	2½	4 lbs.	100	.35
Zacisot	16589	1779	60	2½	4 lbs.	100	.35
Zacisov	16590	1780	65	2½	4 lbs.	100	.90
Zacisow	16591	1781	70	2½	4 lbs.	100	.90
Zacisox	16592	1782	75	2½	4 lbs.	100	.90
Zacisoy	16593	1783	80	3½	14 lbs.	100	.90
Zacisoz	16594	1784	90	3½	14 lbs.	100	.90
Zacisu	16595	1785	100	3½	14 lbs.	100	.90

"D & W" PANEL CARTRIDGE FUSES.

TYPE A, SCREW CLAMP CONTACT.

3 to 35 Amperes. 250 Volts.

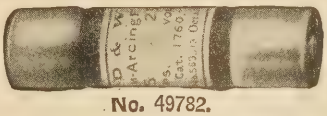


No. 49772.

Code Word.	List No.	Mfr. No.	Ampere Capacity.	Center, Inches.	Package, Net Weight.	Std. Pkg.	List Price Each.	Reload Price.
Zabegov	49762	1733	3	2½	4 lbs.	100	$0.25	....
Zabegow	49763	1734	4	2½	4 lbs.	100	.25	....
Zabegox	49764	1735	5	2½	4 lbs.	100	.25	....
Zabegoz	49765	1736	6	2½	4 lbs.	100	.25	....
Zabegu	49766	1737	8	2½	4 lbs.	100	.25	....
Zabegub	49767	1738	10	2½	4 lbs.	100	.25	....
Zabegud	49768	1739	12	2½	4 lbs.	100	.25	....
Zabeguf	49769	1740	15	2½	4 lbs.	100	.25	....
Zabegug	49770	1741	18	2½	4 lbs.	100	.25	....
Zabeguh	49771	1742	20	2½	4 lbs.	100	.25	....
Zabeguk	49772	1743	25	2½	4 lbs.	100	.25	....
Zabegul	49773	1744	30	2½	4 lbs.	100	.25	....
Zabegum	49774	1745	35	2½	4 lbs.	100	.35	....

TYPE C, SPRING CLIP CONTACT.

3 to 15 Amperes. 250 Volts.



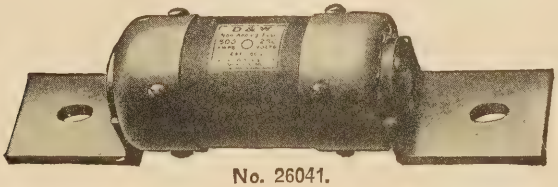
No. 49782.

Zabegun	49775	1753	3	1¾	1½ lbs.	100	.18	....
Zabegup	49776	1754	4	1¾	1½ lbs.	100	.18	....
Zabegur	49777	1755	5	1¾	1½ lbs.	100	.18	....
Zabegus	49778	1756	6	1¾	1½ lbs.	100	.18	....
Zabegut	49779	1757	8	1¾	1½ lbs.	100	.18	....
Zabeguv	49780	1758	10	1¾	1½ lbs.	100	.18	....
Zabeguw	49781	1759	12	1¾	1½ lbs.	100	.18	....
Zabegux	49782	1760	15	1¾	1½ lbs.	100	.18	....

"D & W" SWITCHBOARD CARTRIDGE FUSES.

TYPE AL, SCREW CLAMP CONTACT.

130 to 8500 Amperes. 250 Volts.



No. 26041.

For Use on Switchboards.

Zacisih	26030	1790	130	6¾	19 lbs.	25	2.00	$0.90
Zacisik	26031	1791	150	6¾	19 lbs.	25	2.00	.90
Zacisil	26032	1792	175	6¾	19 lbs.	25	2.00	.90
Zacisim	26033	1793	200	6¾	19 lbs.	25	2.00	.90
Zacisin	26034	1794	225	6¾	19 lbs.	25	3.60	1.50
Zacisip	26035	1795	250	6¾	19 lbs.	25	3.60	1.50
Zacisir	26036	1796	275	6¾	19 lbs.	25	3.60	1.50
Zacisis	26037	1797	300	6¾	19 lbs.	25	3.60	1.50
Zacisit	26038	1798	350	6¾	38 lbs.	25	3.60	1.50
Zacisiv	26039	1799	400	6¾	38 lbs.	25	3.60	1.50
Zacisiw	26040	1800	450	6¾	15 lbs.	10	5.50	2.00
Zacisix	26041	1801	500	6¾	15 lbs.	10	5.50	2.00

"D & W" INDICATING CARTRIDGE FUSES.

TYPE A, SCREW CLAMP CONTACT.

3 to 300 Amperes. 500 Volts.

For 10 Ampere Cut-Outs.

Code Word.	List No	Mfr. No.	Ampere Capacity.	Center, Inches.	Pkg., Net Wgt.,	Std. Pkg.	List Price Each.	Reload Price.
Zabeliw	50015	503	3	5 7/16	7 lbs.	100	$0.40	....
Zabelix	50016	504	4	5 7/16	7 lbs.	100	.40	....
Zabeliz	50017	506	6	5 7/16	7 lbs.	100	.40	....
Zabelo	50018	508	8	5 7/16	7 lbs.	100	.40	....
Zabelob	50019	510	10	5 7/16	7 lbs.	100	.40	....

For 25 Ampere Cut-Outs.

Zabelod	50020	512	12	6 1/16	14 lbs.	100	.40	....
Zabelof	50021	514	14	6 1/16	14 lbs.	100	.40	....
Zabelog	50022	516	16	6 1/16	14 lbs.	100	.40	....
Zabeloh	50023	518	18	6 1/16	14 lbs.	100	.40	....
Zabelok	50024	520	20	6 1/16	14 lbs.	100	.40	....
Zabelol	50025	525	25	6 1/16	14 lbs.	100	.40	....

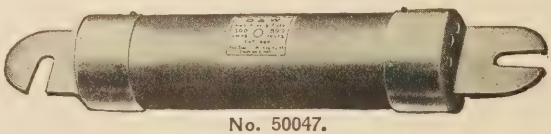
No. 50030.

For 50 Ampere Cut-Outs.

Zabelom	50026	530	30	6 3/4	20 lbs.	100	.60	....
Zabelon	50027	535	35	6 3/4	20 lbs.	100	.60	....
Zabelop	50028	540	40	6 3/4	20 lbs.	100	.60	....
Zabelor	50029	545	45	6 3/4	20 lbs.	100	.60	....
Zabelos	50030	550	50	6 3/4	20 lbs.	100	.60	....

For 100 Ampere Cut-Outs.

Zabelot	50031	560	60	7 1/2	18 lbs.	50	1.50	$0.80
Zabelov	50032	565	65	7 1/2	18 lbs.	50	1.50	.80
Zabelow	50033	570	70	7 1/2	18 lbs.	50	1.50	.80
Zabelox	50034	575	75	7 1/2	18 lbs.	50	1.50	.80
Zabeloz	50035	580	80	7 1/2	18 lbs.	50	1.50	.80
Zabelu	50036	590	90	7 1/2	18 lbs.	50	1.50	.80
Zabelub	50037	600	100	7 1/2	18 lbs.	50	1.50	.80
Zabelud	50038	610	110	7 1/2	9 lbs.	25	2.50	1.20
Zabeluf	50039	620	120	7 1/2	9 lbs.	25	2.50	1.20
Zabelug	50040	625	125	7 1/2	9 lbs.	25	2.50	1.20



No. 50047.

For 200 Ampere Cut-Outs.

Zabeluh	50041	630	150	8 1/4	23 lbs.	25	2.50	1.20
Zabeluk	50042	635	175	8 1/4	23 lbs.	25	2.50	1.20
Zabelul	50043	640	200	8 1/4	23 lbs.	25	2.50	1.20
Zabelum	50044	645	225	8 1/4	23 lbs.	25	5.50	2.00
Zabelun	50045	650	250	8 1/4	23 lbs.	25	5.50	2.00
Zabelup	50046	655	275	8 1/4	23 lbs.	25	5.50	2.00
Zabeur	50047	660	300	8 1/4	23 lbs.	25	5.50	2.00

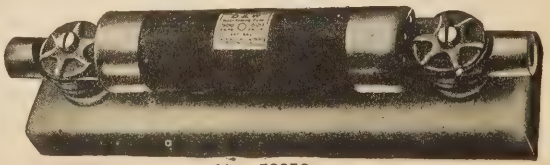
"D & W" CARTRIDGE CUT-OUTS.

TYPE A, SCREW CLAMP CONTACT.

0 to 200 Amperes. 500 Volts.

Zabelus	50048	50010	10	5 7/16	45 lbs.	50	.64	....
Zabelut	50049	50025	25	6 1/16	59 lbs.	50	.80	....
Zabeluv	50050	50050	50	6 3/4	84 lbs.	50	1.10	....
Zabeluw	50051	50100	100	7 1/2	114 lbs.	50	1.75	....
Zabelux	50052	50300	200	8 1/4	185 lbs.	50	4.00	....

No. 50049.



No. 50052.

"D & W" INDICATING CARTRIDGE FUSES.

TYPE C, SPRING CLIP CONTACT.

3 to 500 Amperes. 500 Volts.

No. 5008?

Code Word.	List No.	Mfr. No.	Ampere Capacity.	Length, Inches.	Pkg., Net Wgt.,	Std. Pkg.	List Price Each.	Reload Price.
			For 15 Ampere Cut-Outs.					
Zabemax	50070	5003	3	4⅝	6 lbs.	100	$0.40	....
Zabemaz	50071	5004	4	4⅝	6 lbs.	100	.40	....
Zabeme	50072	5006	6	4⅝	6 lbs.	100	.40	....
Zabemeb	50073	5008	8	4⅝	6 lbs.	100	.40	....
Zabemed	50074	5010	10	4⅝	6 lbs.	100	.40	....
Zabemef	50075	5012	12	4⅝	6 lbs.	100	.40	....
Zabemeg	50076	5014	14	4⅝	6 lbs.	100	.40	....
Zabemeh	50077	5015	15	4⅝	6 lbs.	100	.40	....
			For 30 Ampere Cut-Outs.					
Zabemek	50078	5016	16	5	15 lbs.	100	.40	....
Zabemel	50079	5018	18	5	15 lbs.	100	.40	....
Zabemem	50080	5020	20	5	15 lbs.	100	.40	....
Zabemen	50081	5025	25	5	15 lbs.	100	.40	....
Zabemep	50082	5030	30	5	15 lbs.	100	.40	....
			For 60 Ampere Cut-Outs.					
Zabemer	50083	5035	35	6	23 lbs.	100	.60	....
Zabemes	50084	5040	40	6	23 lbs.	100	.60	....
Zabemet	50085	5045	45	6	23 lbs.	100	.60	....
Zabemev	50086	5050	50	6	23 lbs.	100	.60	....
Zabemew	50087	5055	55	6	23 lbs.	100	.60	....
Zabemex	50088	5060	60	6	23 lbs.	100	.60	....
			For 100 Ampere Cut-Outs.					
Zabemez	50089	5065	65	6	22 lbs.	50	1.50	$0.80
Zabemi	50090	5070	70	6	22 lbs.	50	1.50	.80
Zabemib	50091	5075	75	6	22 lbs.	50	1.50	.80
Zabemid	50092	5080	80	6	22 lbs.	50	1.50	.80
Zabemif	50093	5090	90	6	22 lbs.	50	1.50	.80
Zabemig	50094	5100	100	6	22 lbs.	50	1.50	.80
Zabemih	50095	5110	110	6	11 lbs.	50	2.50	1.20
Zabemik	50096	5120	120	6	11 lbs.	25	2.50	1.20
Zabemil	50097	5125	125	6	11 lbs.	25	2.50	1.20
			For 200 Ampere Cut-Outs.					
Zabemim	50098	5150	150	6¾	54 lbs.	25	2.50	1.20
Zabemin	50099	5152	175	6¾	54 lbs.	25	2.50	1.20
Zabemip	50100	5154	200	6¾	54 lbs.	25	2.50	1.20
Zabemir	50101	5156	225	6¾	54 lbs.	25	5.50	2.00
Zabemis	50102	5158	250	6¾	54 lbs.	25	5.50	2.00
Zabemit	50103	5160	275	6¾	54 lbs.	25	5.50	2.00
Zabemiv	50104	5162	300	6¾	54 lbs.	25	5.50	2.00
			For 400 Ampere Cut-Outs.					
Zabemiw	50105	5164	350	6¾	75 lbs.	25	5.50	2.00
Zabemix	50106	5166	400	6¾	75 lbs.	25	5.50	2.00
Zabemiz	50107	5168	450	6¾	80 lbs.	10	8.00	3.00
Zabemo	50108	5170	500	6¾	30 lbs.	10	8.00	3.00

"D & W" CARTRIDGE FUSE CUT-OUTS.

TYPE C, SPRING CLIP CONTACT.

0 to 400 Amperes. 500 Volts.

			Single Pole, Porcelain.			
Zabemob	50109	51015	15	42 lbs.	50	.60
Zabemod	50110	51030	30	53 lbs.	50	.60
Zabemof	50111	51060	60	70 lbs.	50	.90
Zabemog	50112	51125	100	91 lbs.	50	1.75
			Single Pole, Slate.			
Zabemoh	50113	51300	200	113 lbs.	50	6.00
Zabemok	50114	51500	400	60 lbs.	25	8.00

"D & W" INDICATING CARTRIDGE FUSES.

TYPE A, SCREW CLAMP CONTACT. 1½ to 120 Amperes. 2000 Volts.

For 30 Ampere Cut-Outs.

Code Word.	List No.	Mfr. No.	Ampere Capacity.	Center, Inches.	Package Net Weight.	Standard Package.	List Price Fach.
Zabemol	50115	2001	1½	6½	8 lbs.	100	$0.50
Zabemom	50116	2002	2	6½	8 lbs.	100	.50
Zabemon	50117	2003	3	6½	8 lbs.	100	.50
Zabemop	50118	2004	4	6½	8 lbs.	100	.50
Zabemor	50119	2005	5	6½	8 lbs.	100	.50
Zabemos	50120	2006	6	6½	8 lbs.	100	.50
Zabemot	50121	2008	8	6½	8 lbs.	100	.50
Zabemov	50122	2010	10	6½	8 lbs.	100	.50
Zabemow	50123	2012	12	6½	8 lbs.	100	.50
Zabemox	50124	2013	13	6½	8 lbs.	100	.50
Zabemoz	50125	2014	14	6½	8 lbs.	100	.50
Zabemu	50126	2015	15	6½	8 lbs.	100	.50
Zabemub	50127	2016	16	6½	17 lbs.	100	.85
Zabemud	50128	2018	18	6½	17 lbs.	100	.85
Zabemuf	50129	2020	20	6½	17 lbs.	100	.85
Zabemug	50130	2022	22	6½	17 lbs.	100	.85
Zabemuh	50131	2025	25	6½	17 lbs.	100	.85
Zabemuk	50132	2030	30	6½	17 lbs.	100	.85

No. 50138.

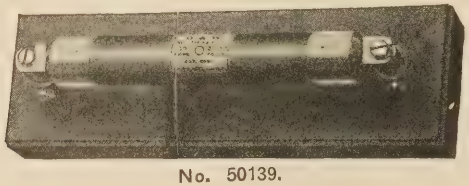
For 60 Ampere Cut-Outs.

Zabemul	50133	2035	35	7¼	25 lbs.	100	1.20
Zabemum	50134	2040	40	7¼	25 lbs.	100	1.20
Zabemun	50135	2045	45	7¼	25 lbs.	100	1.20
Zabemup	50136	2050	50	7¼	32 lbs.	100	1.20
Zabemur	50137	2055	55	7¼	32 lbs.	100	1.20
Zabemus	50138	2060	60	7¼	32 lbs.	100	1.20

For 100 Ampere Cut-Outs.

Zacitaf	24026	2070	70	7½	34 lbs.	50	2.40
Zacitag	24027	2080	80	7½	34 lbs.	50	2.40
Zacitah	24028	2090	90	7½	34 lbs.	50	2.40
Zacitak	24029	2100	100	7½	34 lbs.	50	2.40
Zacital	24030	2110	110	7½	34 lbs.	50	2.40
Zacitam	24031	2120	120	7½	34 lbs.	50	2.40

"D & W" CARTRIDGE FUSE CUT-OUTS.

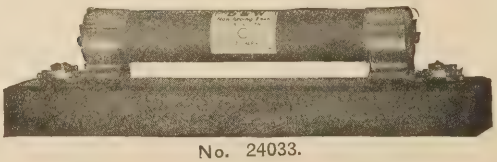


No. 50139.

SINGLE POLE, SLATE, TYPE A.

0 to 100 Amperes. 2000 Volts.

Zabemut	50139	20030	30	...	121 lbs.	50	.92
Zabemuv	50140	20060	60	...	131 lbs.	50	1.20
Zabemuw	50141	20100	100	...	154 lbs.	50	1.75



No. 24033.

SINGLE POLE, SLATE, TYPE C.

Zacitan	24032	4215	15	...	56 lbs.	50	.92
Zacitap	24033	4216	30	...	72 lbs.	50	.96
Zacitar	24034	4217	60	...	137 lbs.	50	1.40

"D & W" INDICATING CARTRIDGE FUSES.

TYPE C, SPRING CLIP CONTACT.—1½ to 60 Amperes. 2000 Volts.

For 15 Ampere Cut-Outs.

Code Word.	List No.	Mfr. No.	Ampere Capacity,	Length, Inches.	Package Net Weight.	Package Quantity.	List Price Each.
Zabenaf	50147	4101	1½	5	7 lbs.	100	$0.46
Zabenag	50148	4102	2	5	7 lbs.	100	.46
Zabenah	50149	4103	3	5	7 lbs.	100	.46
Zabenak	50150	4104	4	5	7 lbs.	100	.46
Zabenal	50151	4105	5	5	7 lbs.	100	.46
Zabenam	50152	4106	6	5	7 lbs.	100	.46
Zabenan	50153	4108	8	5	7 lbs.	100	.46
Zabenap	50154	4110	10	5	7 lbs.	100	.46
Zabenar	50155	4112	12	5	7 lbs.	100	.46
Zabenas	50156	4113	13	5	7 lbs.	100	.46
Zabenat	50157	4114	14	5	7 lbs.	100	.46
Zabenav	50158	4115	15	5	7 lbs.	100	.46

No. 50164.

For 30 Ampere Cut-Outs.

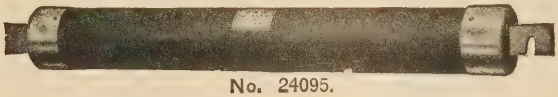
Zabenaw	50159	4116	16	5 9/16	16 lbs.	100	.60
Zabenax	50160	4118	18	5 9/16	16 lbs.	100	.60
Zabenaz	50161	4120	20	5 9/16	16 lbs.	100	.60
Zabene	50162	4122	22	5 9/16	16 lbs.	100	.60
Zabeneb	50163	4125	25	5 9/16	16 lbs.	100	.60
Zabened	50164	4130	30	5 9/16	16 lbs.	100	.60

For 60 Ampere Cut-Outs.

Zabenef	50165	4135	35	6 1/8	44 lbs.	100	1.50
Zabeneg	50166	4140	40	6 1/8	44 lbs.	100	1.50
Zabeneh	50167	4145	45	6 1/8	44 lbs.	100	1.50
Zabenek	50168	4150	50	6 1/8	44 lbs.	100	1.50
Zabenel	50169	4160	60	6 1/8	44 lbs.	100	1.50

"D & W" HIGH TENSION FUSES.

5,000 to 20,000 Volts.



No. 24095.

			Amp. Cap.	Volts.	For Cut-Outs.	Centers, Inches.	Length, Inches.		
Zacitaw	24092	4520	1— 4	6,000	4514	7¼	..	50	1.20
Zacitax	24093	4521	1—10	5,000	4515	...	16	25	2.50
Zacitay	24094	4522	1— 8	10,000	4515	...	16	25	2.50
Zacitaz	24095	4523	1— 4	20,000	4516	...	19	25	3.50

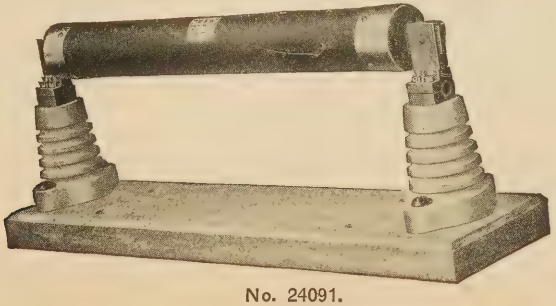
"D & W" HIGH TENSION CUT-OUTS.

SCREW CLAMP CONTACT.

Zacitas	24089	4514	1—4 amperes, 6,000 volts, slate.....	50	1.20

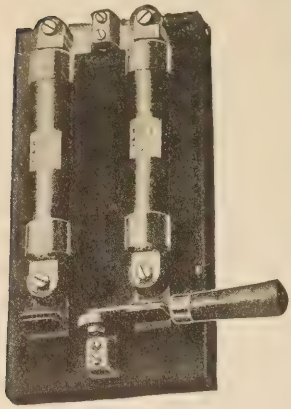
KNIFE BLADE CONTACT.

Zacitat	24090	4515	1—8 amperes, 10,000 volts, marble.....	6	13.00
Zacitav	24091	4516	1—4 amperes, 20,000 volts, marble.....	6	15.00



No. 24091.

"D & W" DUPLEX FEEDER SLATE CUT-OUT.



No. 50142.

TYPE A, SCREW CLAMP CONTACT.

200 Amperes, 250 or 500 Volts. 120 Amperes, 2000 Volts.

Code Word.	List No.	Mfr. No.	Center Inches.	Pkg., Net Wgt., Lbs.	Std. Pkg.	List Price Each.
Zabemuy	50142	20105	7½	202	25	$10.00

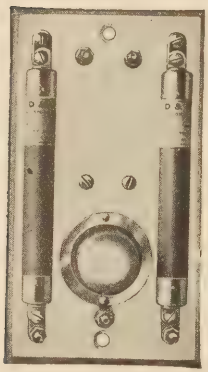
Cartridge Fuses for Above, 2000 Volts.

			Amperes.	Center, Inches.		
Zacite	24096	714	0- 60 Single	7½	100	1.20
Zaciteb	24097	715	61-120 Multiple	7½	50	2.40

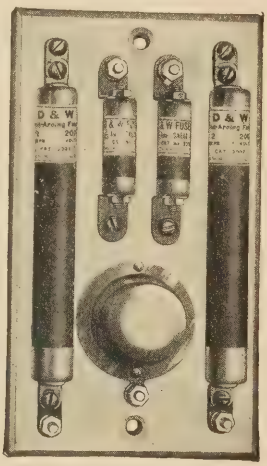
"D & W" TELEPHONE PROTECTORS.

FOR SUBSCRIBERS' PREMISES.

Combination Cut-Out Furnished Complete with Fuse and Sneak Coil.



No. 3105.



No. 3104.

Code Word.	List No.	Mfr. No.		Pkg., Net Wgt., Lbs.	Std. Pkg.	List Price Each.
Zabeluz	50053	3100	Single Pole Cut-Out.....	42	50	.50
Zabema	50054	3102	Single Pole Combination Cut-Out.	54	50	1.10
Zabemab	50056	3104	Double Pole Combination Cut-Out.	101	50	1.75
Zadixil	22904	3105	Double Pole Without Sneak Coils..	100	50	1.40

TELEPHONE AND FIRE ALARM FUSES.

1-4 Ampere, 2000 Volts. Type "A" Screw Clamp Contact.

Code Word.	List No.	Mfr. No.	Ampere Capacity.	Center, Inches.	Pkg., Net Weight	Std. Pkg.	List Price Each.
Zabemac	50055	3001	1	5 5/32	1½ lbs.	100	.20
Zabemad	50062	3002	2	5 5/32	1½ lbs.	100	.20
Zabeman	50063	3003	3	5 5/32	1½ lbs.	100	.20
Zabemap	50064	3004	4	5 5/32	1½ lbs.	100	.20

SNEAK COILS.

For Combination Cut-Outs.

				Length, Inches.			
Zabemaf	50057	3110	1/10	1⅞	½ lb.	100	.18
Zabemag	50058	3210	2/10	1⅞	½ lb.	100	.18
Zabemah	50059	3310	3/10	1⅞	½ lb.	100	.18
Zabemak	50060	3410	4/10	1⅞	½ lb.	100	.18
Zabemal	50061	3510	5/10	1⅞	½ lb.	100	.18

For telephone service we recommend a 3/10 ampere sneak coil, and for fire alarm service a 5/10 ampere sneak coil.

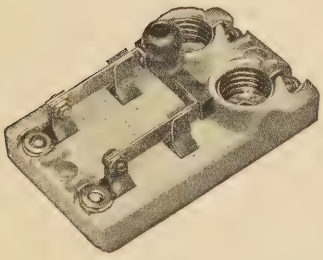
"D & W" ENTRANCE AND PANEL SWITCHES.

NATIONAL ELECTRICAL CODE STANDARD.

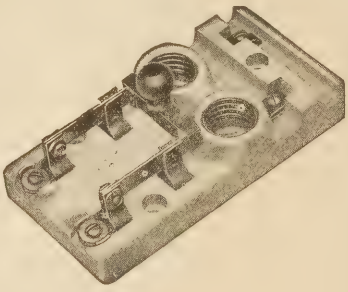
0 to 60 Amperes. 125 to 250 Volts.

FOR PLUG FUSES.

Code Word.	List No.	Mfr. No.	Amperes.	Volts.		Package Net Wght. Lbs.	Std. Pkg.	List Pr. Each.
Zabusaw	12843	25028	25	125	Double Pole	150	100	$0.90
Zabusax	12844	25029	25	125	Double Pole, Single Branch.	190	100	1.00
Zabusay	12845	25030	30	250	Double Pole	200	100	1.00
Zabusaz	12846	25031	30	250	Triple Pole	175	50	1.40

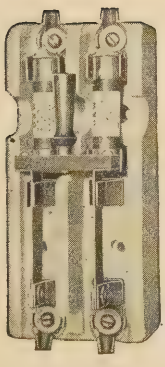


No. 12843.

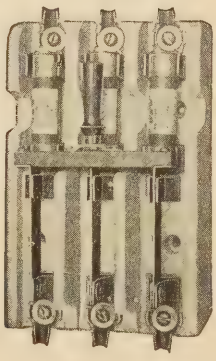


No. 12844.

FOR CARTRIDGE FUSES.



No. 12847.



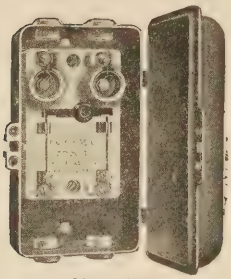
No. 12848.

Zabuse	12847	25040	60	125	Double Pole	42	10	1.95
Zabuseb	12848	25041	60	125	Triple Pole	30	5	2.80

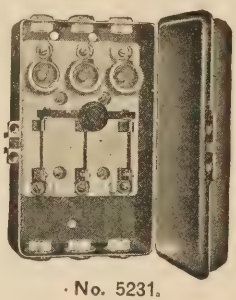
"D & W" ENTRANCE SWITCH BOXES.

NATIONAL ELECTRICAL CODE STANDARD.

Complete With Cut-Outs.



No. 5232.



No. 5231.

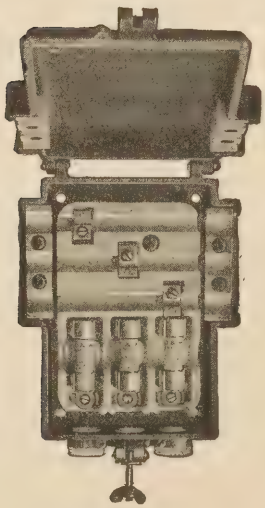
Entrance Switch Boxes can also be furnished with Ends Blank or Drilled for ½ inch Conduit Connection, as desired.

Code Word.	List No.	Mfr. No.	Type.	Ampere Capacity.	Volts.	Description.	Package Net Wght, Lbs.	Std. Pkg.	List Price Each.
Zadavos	5233	25032	J	25	125	Double Pole..	160	25	$3.00
Zadavot	5232	25033	J-2	30	250	Double Pole..	225	25	3.50
Zadavov	5231	25034	J-3	30	250	Triple Pole...	340	25	4.00

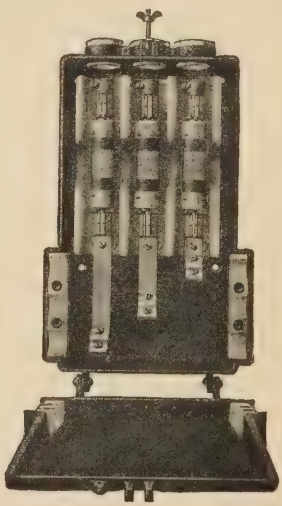
"D & W" BRANCH BOXES.

FOR NATIONAL CODE FUSES.

250 Volts.



No. 49653.

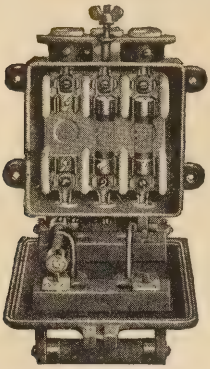


No. 49655.

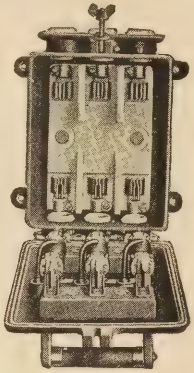
Zafuzi	40776	1950	JB-1	30 Ampere T. P. S. B.....	188	25	6.00
Zafuzib	40777	1951	JB-2	60 Ampere T. P. S. B.....	380	25	8.00
Zafuzic	40778	1952	JB-3	100 Ampere T. P. S. B.....	540	25	13.00

"D & W" SERVICE SWITCHES.

250 VOLTS. FOR NATIONAL CODE FUSES.



Selective Switch for D. C. Circuit.



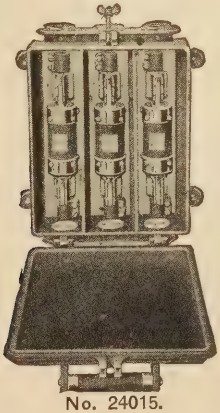
Service Switch for Multiphase Circuit.

Code Word.	List No.	Mfr. No.	Type.	Amperes.	Poles.	Package Net Weight, Lbs.	Std. Pkg.	List Price Each.
Zabefid	49642	1910	I-6	0- 30	2	175	25	$7.25
Zabefif	49643	1900	I-7	31- 60	2	225	25	8.25
Zabefig	49644	1901	I-8	61-100	2	450	25	12.50
Zabefik	49646	1902	I-9	101-200	2	560	20	20.50
Zabefil	49647	1903	I-10	201-400	2	920	20	42.00
Zabefim	49648	1904	I-11	401-600	2	680	10	70.00
Zabefin	49649	1911	I-0	0- 30	3	218	25	9.00
Zabefip	49650	1905	I-1	31- 60	3	275	25	10.00
Zabefir	49651	1906	I-2	61-100	3	550	25	15.00
Zabefis	49652	1907	I-3	101-200	3	680	20	26.00
Zacipit	24003	1908	I-4	201-400	3	1140	20	56.00
Zacipiv	24004	1909	I-5	401-600	3	880	10	96.00

For Multiphase Circuits the above switches are provided with three hooks operated by one lever.

"D & W" FUSE BOXES.

250 VOLTS. FOR NATIONAL CODE FUSES.

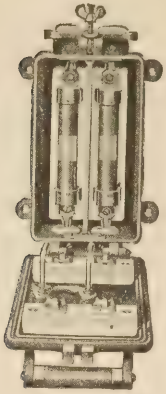


No. 24015.

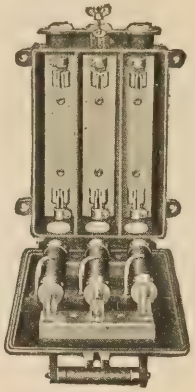
Zacipiw	24005	2210	K-19	0- 30	2	150	25	5.00
Zacipix	24006	2200	K-20	31- 60	2	190	25	6.40
Zacipiy	24007	2201	K-21	61-100	2	380	25	8.40
Zacipiz	24008	2202	K-22	101-200	2	475	20	17.50
Zacipo	24009	2203	K-23	201-400	2	780	20	35.00
Zacipob	24010	2204	K-24	401-600	2	580	10	52.50
Zacipoc	24011	2211	K-25	0- 30	3	190	25	6.50
Zacipod	24012	2205	K-26	31- 60	3	235	25	8.00
Zacipof	24013	2206	K-27	61-100	3	470	25	11.00
Zacipog	24014	2207	K-28	101-200	3	580	20	24.00
Zacipoh	24015	2208	K-29	201-400	3	970	20	47.50
Zacipok	24016	2209	K-30	401-600	3	748	10	77.00

"D & W" SERVICE SWITCHES.

600 VOLTS. FOR NATIONAL CODE FUSES.



No. 49995.

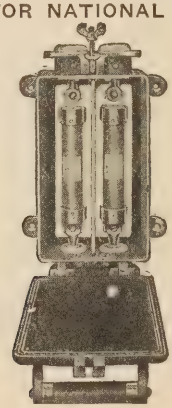


No. 50003.

Code Word.	List No.	Mfr. No.	Type.	Amperes.	Poles.	Package Net Weight Lbs.	Std. Pkg.	List Price Each.
Zabelet	49995	1811	O	0- 30	2	300	25	$8.25
Zabelev	49996	1812	O-2	31- 60	2	362	25	10.00
Zabelew	49997	1813	O-3	61-100	2	500	25	17.50
Zabelex	49998	1814	O-4	101-200	2	600	20	35.00
Zabeley	49999	1815	O-5	201-400	2	1000	20	80.00
Zabelez	50000	1816	O-6	401-600	2	818	10	133.00
Zabeli	50001	1817	O-7	0- 30	3	400	25	10.00
Zabelib	50002	1818	O-8	31- 60	3	432	25	12.00
Zabelic	50003	1819	O-9	61-100	3	732	25	23.00
Zabelid	50004	1820	O-10	101-200	3	928	20	42.00
Zabelif	50005	1821	O-11	201-400	3	1840	20	102.00
Zabelig	50006	1822	O-12	401-600	3	1168	10	175.00

"D & W" FUSE BOXES.

600 VOLTS. FOR NATIONAL CODE FUSES.



No. 50007.

Zabelih	50007	1831	L	0- 30	2	262	25	6.00
Zabelik	50008	1832	L-2	31- 60	2	325	25	7.50
Zabelil	50009	1833	L-3	61-100	2	450	25	16.00
Zabelim	50010	1834	L-4	101-200	2	560	20	28.00
Zabelin	50011	1835	L-5	201-400	2	950	20	63.00
Zabelip	50012	1836	L-6	401-600	2	785	10	100.00
Zabevon	50611	1837	L-7	0- 30	3	344	25	8.00
Zabevop	50612	1838	L-8	31- 60	3	388	25	9.50
Zabevor	50613	1839	L-9	61-100	3	672	25	20.00
Zabevos	50614	1840	L-10	101-200	3	870	20	42.00
Zabevot	50615	1841	L-11	201-400	3	1760	20	84.00
Zabevov	50616	1842	L-12	401-600	3	1112	10	137.00

"D & W" OUTLET HOODS.

250-600 VOLTS. FOR SERVICE SWITCHES AND BOXES.

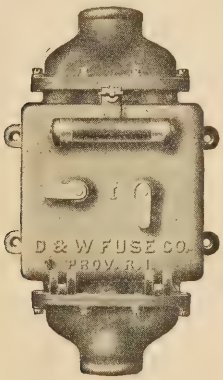
Straight-away Outlet Hood.

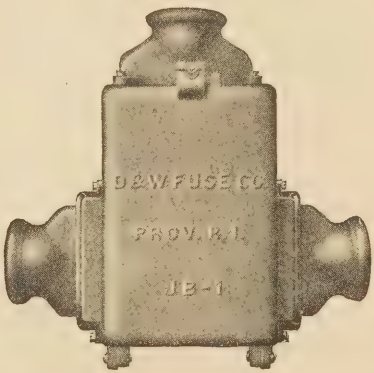
Right or Left Hand Outlet Hood.

STRAIGHT-AWAY, RIGHT AND LEFT HAND.

Code Word.	List No.	For Boxes.	Std. Pkg.	List Price Each.
Zacoloz	25159	I-6 and K-19	50	$0.90
Zacolu	25160	I-7 and K-20	50	1.10
Zacolub	25161	I-8 and K-21	50	1.60
Zacoluc	25162	I-9 and K-22	40	2.30
Zacolud	25163	I-10 and K-23	40	3.50
Zacoluf	25164	I-11 and K-24	20	7.00
Zacolug	25165	I-0 and K-25	50	1.00
Zacoluh	25166	I and K-26	50	1.20
Zacoluk	25167	I-2 and K-27	50	1.65
Zacolul	25168	I-3 and K-28	40	2.50
Zacolum	25169	I-4 and K-29	40	4.75
Zacolun	25170	I-5 and K-30	20	9.50
Zafuwuy	39392	O and L	50	1.05
Zafuwuz	39393	O-2 and L-2	50	1.25
Zafuxa	39394	O-3 and L-3	50	1.65
Zafuxab	39395	O-4 and L-4	40	2.65
Zafuxac	39396	O-5 and L-5	40	4.40
Zafuxad	39397	O-6 and L-6	20	9.70
Zafuxaf	39398	O-7 and L-7	50	1.10
Zafuxag	39399	O-8 and L-8	50	1.30
Zafuxah	39400	O-9 and L-9	50	1.30
Zafuxak	39401	O-10 and L-10	40	3.00
Zafuxal	39402	O-11 and L-11	40	5.60
Zafuxam	39403	O-12 and L-12	20	11.50

Note.—In ordering specify the style and voltage



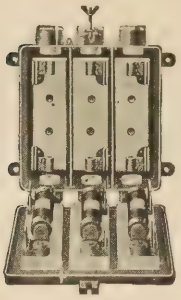


FOR BRANCH ECXES.

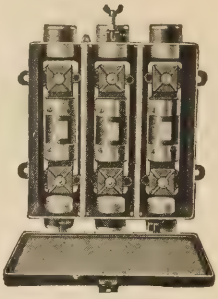
Zacolup	25171	1970	JB-1 End Connection.....	50	1.00
Zacolur	25172	1971	JB-1 Side Connection.....	50	1.00
Zacolus	25173	1972	JB-2 End Connection.....	50	1.20
Zacolut	25174	1973	JB-2 Side Connection.....	50	1.20
Zacoluv	25175	1974	JB-3 End Connection.....	50	1.65
Zacoluw	25176	1975	JB-3 Side Connection.....	50	1.65

"D & W" SERVICE SWITCHES.

FOR INDICATING CARTRIDGE FUSES.



No. 50186.



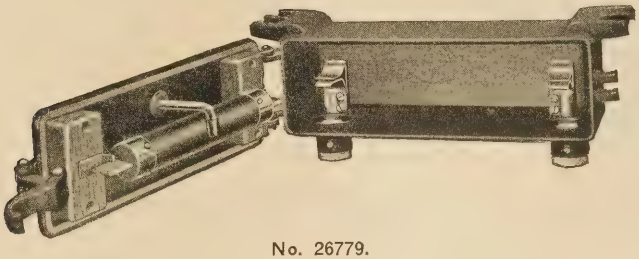
No. 50190.

IN ORDERING FUSES FOR BOXES SPECIFY THE TYPE OF BOX.

Code Word.	List No.	Mfr. No.	Description.	Length Fuse In.	Centres Inches.	Pkg. Net Wght Lbs.	Std. Pkg.	List Pr. Each.
Zabenex	50179	458	Type B, Fused Service Switch, 2 Wire, for N. E. Code Std. Fuses, 31-60 amps., 250 volts.	3	.....	200	25	$6.40
Zabenez	50180	459	Type B-1, Fused Selective Service Switch, 3 Wire, for N. E. Code Std. Fuses, 31-60 amps., 250 volts.....	3	.....	350	25	10.00
Zabeni	50181	460	Type B-2, Fused Service Switch, 2 Wire, for Type C Fuses, 31-60 amps., 250 volts...	3⅝	.....	262	25	7.80
Zabenib	50182	463	Type B-4, Fused Selective Service Switch, 3 Wire, for Type C Fuses, 31-60 amps., 250 volts	3⅝	.....	390	25	11.00
Zabenid	50183	464	Type D, Fused Service Switch, 2 Wire, for Type A Fuses, 31-60 amps., 250 volts.....	...	4 9/16	396	25	9.00
Zabenif	50184	468	Type D-2, Fused Service Switch, 2 Wire, for Type A Fuses, 61-125 amp., 250 volts	...	5 13/16	458	25	15.00
Zabenig	50185	470	Type F, Fused Service Switch, 3 Wire, for Type A Fuses, 31-60 amps., 250 volts.....	...	4 9/16	537	25	12.00
Zabenih	50186	472	Type F-2, Fused Service Switch, 3 Wire, for Type A Fuses, 61-125 amp., 250 volts	...	5 13/16	464	20	22.00
Zabenik	50187	474	Type F-3, Fused Service Switch, 3 Wire, for Type A Fuses, 126-300 amps., 250 volts..	...	6 3/4	538	10	40.00
Zabenil	50188	476	Type K, Service Box, (without switch), 2 Wire, for Type A Fuses, 126-300 amps., 250 volts	...	6 3/4	496	20	17.00
Zabenim	50189	477	Type K-5, Service Box (without switch), 2 Wire, for Type A Fuses, 301-500 amps., 250 volts	...	6 3/4	640	20	25.00
Zabenin	50190	478	Type K-2, Service Box (without switch), 3 Wire, for Type A Fuses, 301-500 amps., 250 volts	...	6 3/4	765	20	32.00

"D & W" JUNCTION BOXES.

2500 VOLTS. FOR KNIFE BLADE FUSES STANDARD DIMENSIONS.



No. 26779.

Code Word.	List No.	Mfr. No.	Type.	Amperes.	Style.	Std. Pkg.	List Price Each.
Zadadas	26779	960	C-10	0- 30	Right Hand.....	25	$10.00
Zadadat	26780	961	C-11	0- 30	Left Hand.....	25	10.00
Zadadav	26781	962	C-15	31- 60	Right Hand.....	25	12.00
Zadadaw	26782	963	C-16	31- 60	Left Hand.....	25	12.00
Zadadax	26783	964	C-20	61-100	Right Hand.....	25	14.00
Zadaday	26784	965	C-21	61-100	Left Hand.....	25	14.00

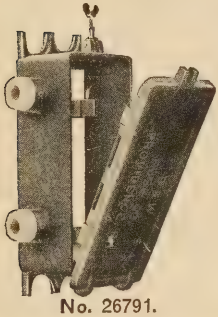
No. 26787.

TYPE A TRANSFORMER CUT-OUTS.

Porcelain Lined.

0-30 Amperes, 2500 Volts. For Type A Fuses.

Zadadaz	26785	940	A-1	Rt. Hand Screw Ft.	25	4.60
Zadade	26786	941	A-2	Lt. Hand Screw Ft.	25	4.60
Zadadeb	26787	942	A-4	Rt. Hand Knob Ft.	25	4.60
Zadadec	26788	943	A-5	Lt. Hand Knob Ft.	25	4.60

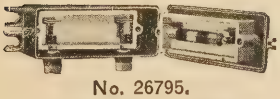


No. 26791.

TYPE S JUNCTION CUT-OUTS.

31-60 Amperes, 2500 Volts. For Type A Fuses.

Zadaded	26789	948	S-1	Rt. Hand Screw Ft.	25	9.15
Zadadef	26790	949	S-2	Lt. Hand Screw Ft.	25	9.15
Zadadeg	26791	950	S-4	Rt. Hand Knob Ft.	25	9.15
Zadadeh	26792	951	S-5	Lt. Hand Knob Ft.	25	9.15



No. 26795.

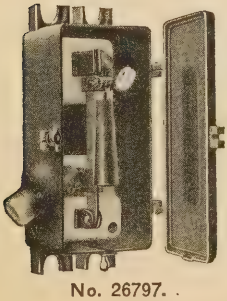
TYPE T JUNCTION CUT-OUTS.

Porcelain Lined.

31-60 Amperes, 2500 Volts. 0-4 Amperes, 6000 Volts.

For Type A Fuses.

Zadadek	26793	954	T-1	Rt. Hand Screw Ft.	25	15.00
Zadadel	26794	955	T-2	Lt. Hand Screw Ft.	25	15.00
Zadadem	26795	956	T-4	Rt. Hand Knob Ft.	25	15.00
Zadaden	26796	957	T-5	Lt. Hand Knob Ft.	25	15.00



No. 26797.

TYPE G JUNCTION SWITCH.

Without Fuse. 200 Amperes, 2500 Volts.

Zadadep	26797	938	Knob Foot		25	15.00

IN ORDERING FUSES FOR BOXES SPECIFY THE TYPE OF BOX.

"D & W" RAILWAY CUT-OUTS.

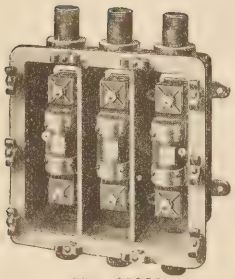
No. 48204.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Pr. Each.
Zabasaw	48204	60128	Type R-5, Car Motor Cut-Out for N. E. Code Std. Fuses, 61-100 amp., 600 volts.....	25	$6.75
Zabasax	48205	60129	Type R-6, Car Motor Cut-Out for N. E. Code Std. Fuses, Bolted, 101-200 amp., 600 volts	25	9.25

Type R-5 Box can be fitted with Screw Clamp Contacts, and Type R-6 Box with Knife Blade Contacts, if desired.

"D & W" SUBWAY BOXES.

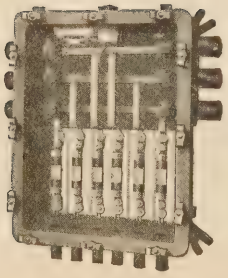
No. 48206.



No. 48208.

Zabasaz	48206	750	Type E-2, Transformer Cut-Out, for Type A Fuses, 0-30 amperes, 2500 volts.
Zabase	48207	751	Type E-3, Transformer Cut-Out, for Type A Fuses, 31-60 amperes, 2500 volts.
Zabaseb	48208	763	Type K-3, Main Line Box, 3 Wire, for Type A Fuses, 301-500 amperes, 250 volts.
Zabased	48209	765	Type H-2, Service Branch Box, 3 Wire, 2 Circuits, for Type A Fuses, 31-60 amperes, 250 volts.
Zabasef	48210	771	Type H-4, Service Branch Box, 3 Wire, 4 Circuits, for Type A Fuses, 31-60 amperes, 250 volts.
Zabaseg	48211	774	Type M-2, Feeder and Main Box, 2 Wire, 2 Circuits, for Type A Fuses, 301-500 amperes, 250 volts.
Zabaseh	48212	1981	Type U-2, Junction Box, 0-60 amperes, 2500 volts.
Zabasek	48213	1982	Type U-3, Junction Box, 61-100 amperes, 2500 volts.

PRICES QUOTED ON APPLICATION.



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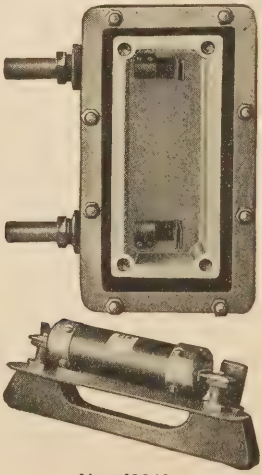

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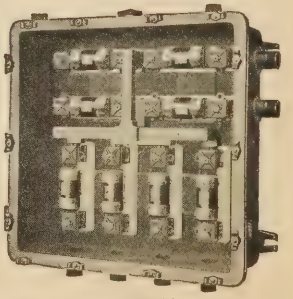


No. 48211.

IN ORDERING FUSES FOR BOXES SPECIFY THE TYPE OF BOX.

FUSE WIRE AND RIBBON.

Fuse Wire.

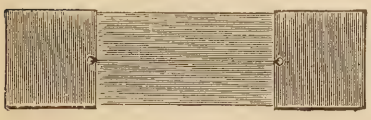
Code Word.	List No.	Diam. Mils.	Carry Cap Amp.	Std Length.	Ft. per lb.	List Price per lb.
Ardors	15503	10	¼	1½ inches	2700	Special
Ardencys	15504	17	½	1½ inches	950	$2.75
Arduously	15505	20	1	1½ inches	670	1.10
Aren	15506	23	1½	1½ inches	510	1.05
Argued	15507	25	2	1½ inches	430	1.05
Argusy	15508	27	3	1½ inches	370	1.00
Arids	15509	30	4	1½ inches	300	1.00
Arights	15510	35	5	2 inches	220	1.00
Arisen	15511	38	6	2 inches	185	85
Aristocrats	15512	44	7	2 inches	140	85
Arithmetics	15513	47	8	2 inches	120	80
Arked	15514	54	9	2 inches	93	80
Arms	15515	58	10	2 inches	80	80
Armaments	15516	62	12	3 inches	70	80
Armistices	15517	68	14	3 inches	60	80
Armored	15518	70	15	3 inches	52	75
Armorys	15519	73	16	3 inches	49	75
Armsail	15520	78	18	3 inches	43	75
Armys	15521	86	20	4 inches	36	75
Aromas	15522	90	25	4 inches	32	75
Aromatics	15523	100	30	4 inches	26	75
Aromatized	15524	110	35	4 inches	22	75
Arosed	15525	122	40	4 inches	18	75
Aroused	15526	126	45	4 inches	17	75
Arounds	15527	147	50	4 inches	12.5	75
Arraigns	15528	160	60	5 inches	10.3	70
Arranged	15529	172	70	5 inches	9.0	70
Arrays	15530	178	75	5 inches	8.3	70
Arrears	15531	190	80	5 inches	7.5	70
Arrests	15532	198	90	5 inches	6.7	70
Arriven	15533	220	100	5 inches	5.5	70

½ to 35 Amp. inclusive, on 1 lb. spools. 40 to 100 Amp. inclusive, on 2 lb. spools.
Standard package contains 10 lbs. or over, assorted sizes.

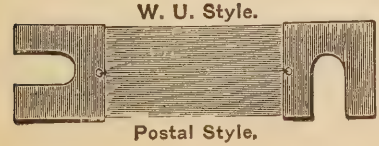
Fuse Ribbon.

		Carrying Capacity Amps.	Length, in inches.	Size in inches.		
Arroganced	15534	50	4	.36x.047	12.5	.65
Arrogants	15535	60	4	.44x.042	11.3	.65
Arrogated	15536	75	4	.50x.043	9.7	.65
Arsenals	15537	90	4	.66x.045	7.0	.65
Arseniously	15538	100	4	.38x.078	7.0	.65
Arterials	15539	115	4	.44x.092	2.5	.60
Arterys	15540	125	4	.50x.095	4.5	.60
Artesians	15541	150	4	.53x.092	4.3	.60
Articled	15542	175	4	.66x.095	3.3	.60
Articulated	15543	190	4	.75x.094	3.0	.60
Artificers	15544	200	4	.87x.093	2.6	.60
Artificials	15545	225	4	1.0 x.095	2.2	.60
Artillerys	15546	250	4	1.0 x.113	1.8	.60
Asafetidad	15547	300	4½	1.0 x.15	1.4	.60
Ascensions	15548	400	4½	1.0 x.19	1.1	.60
Ascents	15549	500	4½	1.25x.20	.85	.60
Ascriptions	15550	600	4½	1.5 x.18	.75	.60

Furnished in coils of any length.
Standard package contains 10 lbs. or over, assorted sizes.



W. U. Style.



Postal Style.

TELEPHONE FUSES.

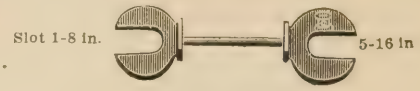
Can be furnished from ⅛ to 10 amperes; length from 1 to 2½ inches.
Larger sizes to order.

Ashamedly	15551	Copper, per 100	2.00
Ashen	15552	Foil, per 100	1.50

When ordering, specify length of fuse desired. also if for Postal or W. U. block.

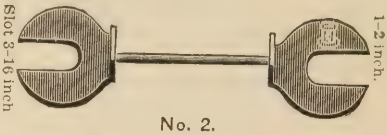
OPEN FUSE LINKS.

No. 00.

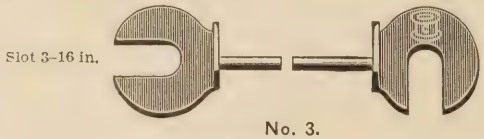


No. 0.

No. 1.



No. 2.



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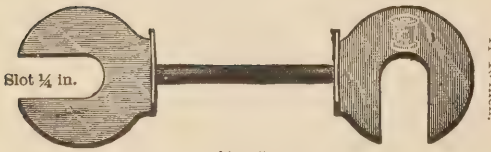
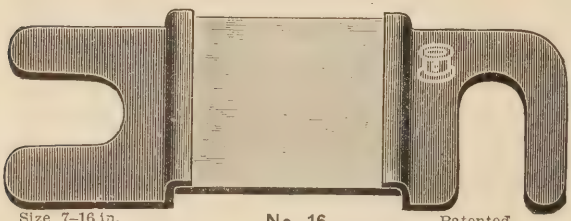


No. 5.

No. 20 terminal is used on links from 600 amp. to 1000 amp. Has ⅝ slot. Can furnish ¾ slot if desired.

No. 5 Flat.

No. 30 and No. 40 Terminal used on links from 1000 to 5000 amperes. Prices upon application.



Size, 7-16 in.
Ter. 1 1-32 wide.

No. 16.

Patented
June 16, 1903.

Can also furnish Link known as No. 7, same in every particular as No. 16, only has ⅜ inch slot, and terminal is only ¾ inch wide. Same price as No. 16.

Terminal No.	Amperes.	To 1½ in. C. to C.	1⅝ to 3½ in.	3⅝ to 5 in.
00 to 0	1 to 5	$2.00 per 100	$3.00 per 100	$4.00 per 100
1 or 2	1 to 30	3.00 per 100	4.00 per 100	5.00 per 100
3	25 to 100	3.00 per 100	5.00 per 100	6.00 per 100
5	25 to 100	4.00 per 100	6.00 per 100	8.00 per 100
		To 2½ in. C. to C.	2⅝ to 5 in.	5¼ to 8 in.
7 or 16	25 to 100	10.00 per 100	15.00 per 100	20.00 per 100
7 or 16	110 to 200	12.00 per 100	18.00 per 100	24.00 per 100
16	210 to 400	15.00 per 100	22.50 per 100	30.00 per 100
16	410 to 600	20.00 per 100	30.00 per 100	40.00 per 100

RAILWAY LINKS.

5 flat	50 to 100	2¼ in. C. to C.	35.00 per 1000
5 flat	110 to 150	2¼ in. C. to C.	42.00 per 1000
5 flat	160 to 200	2¼ in. C. to C.	50.00 per 1000

Fuses larger than 600 amp. are made with No. 10 terminal ½ in. slot, or No. 20 ⅝ in. slot. Prices upon application.

THE INTERCHANGEABLE LINE OF "New Wrinkle" SOCKETS.

WHY THE CONTRACTOR SHOULD USE THEM.

The "New Wrinkle" line of Sockets and Wall Sockets appeals especially to the contractor because it provides the greatest possible variety of stock with the smallest possible investment. Any "New Wrinkle" shell may be quickly and easily transferred to any "New Wrinkle" cap or base; therefore it is necessary to carry the various patterns of wall sockets, for instance, in the key type only. If keyless or pull wall sockets are wanted, the socket portion is removed from a ⅛-inch cap (which, of course, being the standard type would be carried in stock) and used in connection with the desired wall base. The key socket removed from the wall base would be transferred to the ⅛-inch cap, making a complete article of a most desired kind. There are never any odd parts left over. We do not advocate this practice for large quantities, as these can be shipped from the factory to better advantage, but where only a small number of devices is needed the contractor is enabled to obtain them immediately without paying express charges from the factory and without paying the higher discount which is charged for broken packages.

The comprehensiveness of the "New Wrinkle" line is shown in the table below where are listed nine tops and eighteen caps and bases, making a total of **one hundred and sixty-two different devices obtainable from only twenty-seven different parts.**

Tops, 9 Styles.	
Key	
Keyless	
Pull	
Key,	with 2¼-in. Shade Holder
Keyless,	with 2¼-in. Shade Holder
Pull,	with 2¼-in. Shade Holder
Key,	with 3¼-in. Shade Holder
Keyless,	with 3¼-in. Shade Holder
Pull,	with 3¼-in. Shade Holder

Caps and Bases, 18 Styles.	
⅛-in.	Wall, Angle
¼-in.	Wall, Small Covered
⅜-in.	Wall, Large Covered
⅝-in.	Male Thread Metal Ceiling
⅛-in. Angle	Rosette, Concealed
¼-in. Angle	Rosette, Cleat
⅜-in. Angle	Rosette, Two-wire Moulding
Pendant	Rosette, Three-wire Moulding
Wall	Rosette Combination

WHY THE FIXTURE MAKER SHOULD USE THEM.

Sockets have always been made so that the shell would enter the cap in not more than two places, and usually in only one. On fixtures this means one of three things:

First.—That the key does not come where it is wanted if the cap is set up snug, unless

Second.—The set screw is used to hold the cap in position, which it is not capable of doing. (The set screw was only designed to prevent the cap from backing off after it had once been set up snug.) Or

Third.—The nozzle of the cap is filed away, permitting the cap to revolve to a point that will bring the key in the desired position.

When husks are used to cover the sockets, the situation becomes more annoying, for it is often impossible to get at the set-screw and the husk must be held by the pressure between the cap of the socket and the nipple of the fixture arm.

The "New Wrinkle" Socket has been designed to enable the fixture maker to attach sockets securely and neatly to fixtures, but without the great expenditure of labor necessary with present-day unsatisfactory devices.

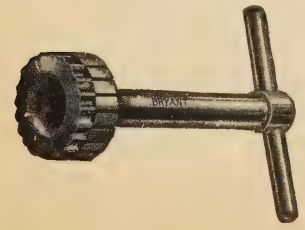
This is accomplished by corrugating ("wrinkling") both shell and cap and, by means of ingeniously designed fastenings, twenty places are provided where the shell may be inserted in the cap. Elaborate experimenting on the part of the makers of the "New Wrinkle" Socket has shown that a less number will not accomplish the desired purpose.

The shell is secured to the cap at three points which, aided by the well-known effect of corrugating, gives a rigidity between the two heretofore unknown in any type of socket. The socket cannot come apart in any accidental manner.

NO SCREWS
NO PROJECTIONS
NO CORRUGATIONS

NO BUMPS
NO DEPRESSIONS
NO THREADS

Just a smooth, beautifully finished surface, with nothing to mar its symmetry nor to jar with the design of any fixture, no matter how ornate or how simple.



This is the Wrench that is furnished free to fixture makers, enabling them to set up the socket cap securely in a husk. Its use will greatly expedite the work and will also result in an absolutely satisfactory job.

We also supply gratis a tool for inserting linings in the caps of "New Wrinkle" Sockets.

BRYANT "New Wrinkle" SOCKETS.

National Electrical Code Standard. 250 Volts.

No. 59480.
(⅜ Full Size.)

Code Word.	List No.		Std. Pkg.	Price Each.
Zafogih	59480	Edison Key Socket, ⅛ inch.....	500	$0.33
Zafogik	59481	Edison Key Socket, ⅜ inch.....	250	.39
Zafogil	59486	Edison Key Socket, pendant cap...	500	.33
Zafogim	59482	Edison Keyless Socket, ⅛ inch....	500	.30
Zafogin	59483	Edison Keyless Socket, ⅜ inch....	250	.36
Zafogip	59487	Edison Keyless Socket, pendant cap	500	.30
		With 2¼-Inch Shade-Holder Attached to Shell.		
Zafogir	59488	Edison Key Socket, ⅛ inch.....	500	.39
Zafogis	58489	Edison Key Socket, ⅜ inch.....	250	.45
Zafogit	59492	Edison Key Socket, pendant cap...	500	.39
Zafogiv	59490	Edison Keyless Socket, ⅛ inch....	500	.36
Zafogiw	59491	Edison Keyless Socket, ⅜ inch....	250	.42
Zafogix	59493	Edison Keyless Socket, pendant cap	500	.36
		With 3¼-Inch Shade-Holder Attached to Shell.		
Zafogiy	59494	Edison Key Socket, ⅛ inch.....	100	.47
Zafogiz	59495	Edison Key Socket, ⅜ inch.....	100	.53
Zafogo	59498	Edison Key Socket, pendant cap...	100	.47
Zafogob	59496	Edison Keyless Socket, ⅛ inch....	100	.44
Zafogoc	59497	Edison Keyless Socket, ⅜ inch....	100	.50
Zafogod	59499	Edison Keyless Socket, pendant cap	100	.44
		With Male Thread.		
Zafogof	59484	Edison Key Socket, ⅜ inch cap....	250	.39
Zafogog	59485	Edison Keyless Socket, ⅜ inch cap	250	.36

"NEW WRINKLE" SOCKETS WITH ANGLE CAPS.

No. 4500.
(⅜ Full Size.)

Zagamat	4500	Edison Key Socket, ⅛ angle cap.	100	.38
Zagamav	4503	Edison Key Socket, ¼ angle cap.	100	.44
Zagamaw	4506	Edison Key Socket, ⅜ angle cap.	100	.44
Zagamax	4501	Edison Keyless Socket, ⅛ angle cap	100	.35
Zagamay	4504	Edison Keyless Socket, ¼ angle cap	100	.41
Zagamaz	4507	Edison Keyless Socket, ⅜ angle cap	100	.41
Zagame	4502	Edison Pull Socket, ⅛ angle cap.	50	.65
Zagameb	4505	Edison Pull Socket, ¼ angle cap.	50	.71
Zagamec	4508	Edison Pull Socket, ⅜ angle cap.	50	.71

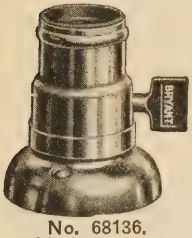
BRYANT "NewWinkle" WALL SOCKETS.

National Electrical Code Standard. 250 Volts.

EDISON BASE.

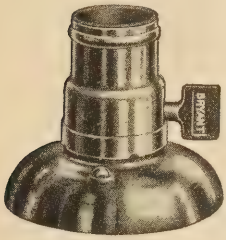
No. 66609.
(⅜ Full Size.)

Code Word.	List No.		Std. Pkg.	List Price Each.
Zafubib	66609	Key	250	$0.44
Zafubic	66610	Keyless	250	.40



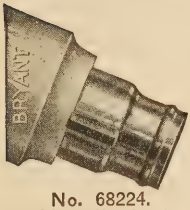
No. 68136.
(⅜ Full Size.)

Zafubid	68136	Key, small covered base..	250	.44
Zafubif	68137	Keyless, small cov. base..	250	.40



No. 66139.
(⅜ Full Size.)

Zafubig	68139	Key, large covered base..	100	.49
Zafubih	68140	Keyless, large cov. base..	100	.45

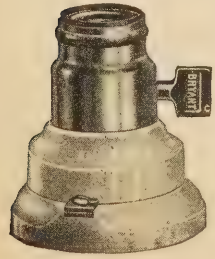


No. 68224.
(⅜ Full Size.)

Zafubik	68224	Key, angle	100	.55
Zafubil	68225	Keyless, angle	100	.50

BRYANT "NewWinkle" K.-W ROSETTE—SOCKETS.

National Electrical Code Standard. 125 Volts.



No. 68226.
(⅜ Full Size.)

Zafubim	68226	Key, concealed	100	.60
Zafubin	68227	Key, cleat	100	.60
Zafubip	68228	Key, 2-wire moulding....	100	.60
Zafubir	68229	Key, 3-wire moulding....	100	.60
Zafubis	68230	Key, combination	100	.60
Zafubit	68231	Keyless, concealed	50	.55
Zafubiv	68232	Keyless, cleat	50	.55
Zafubiw	68233	Keyless, 2-wire moulding	50	.55
Zafubix	68234	Keyless, 3-wire moulding	50	.55
Zafubiy	68235	Keyless, combination	50	.55

BRYANT "New Wrinkle" PULL SOCKETS.

Edison Base.

No. 65250.
(⅜ Full Size.)

National Electrical Code Standard. 250 Volts.

Code Word.	List No.		Std. Pkg.	List Price Each.
Zafubed	65250	Edison Pull Sockets, ⅛-in. cap..	250	$0.60
Zafubef	65251	Edison Pull Sockets, ⅜-in. cap..	100	.66
Zafubeg	*65252	Edison Pull Sockets, pendant cap	250	.60

With 2¼-Inch Shade-Holder Attached.

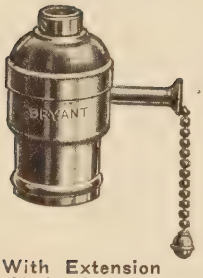
Zabubeh	65253	Edison Pull Sockets, ⅛-in. cap..	250	.66
Zafubek	65254	Edison Pull Sockets, ⅜-in. cap..	100	.72
Zafubel	*65255	Edison Pull Sockets, pendant cap	250	.66

With 3¼-Inch Shade-Holder Attached.

Zafubem	65256	Edison Pull Sockets, ⅛-in. cap..	100	.74
Zafuben	65257	Edison Pull Sockets, ⅜-in. cap..	100	.80
Zafubep	*65258	Edison Pull Sockets, pendant cap	100	.74

Pull Sockets with ⅜-inch male thread cap will be furnished on special order at the same price as for ⅜-inch female thread sockets listed above.

*This socket is for pendant work only. The cap is provided with a double bushing, the inner one having a hole 9/32 inches in diameter, suitable for No. 16 approved lamp cord. This inner bushing can be removed when larger cord is to be used, leaving another bushing with 13/32 inch hole, suitable for No. 16 approved portable cord.



With Extension Chain Guide.

With Extension Chain Guide.

Pull Sockets installed in husks or socket covers require extension chain guides (necessitating only a small hole in cover) to carry the chain free of cover and shade. Our chain guide is not attached to socket shell but to the socket mechanism. It is detachable and separable, and can be removed for refinishing. By carrying a stock of various lengths of guides it is possible to convert the standard sockets into sockets with extension guides, making it unnecessary to carry a stock of completed sockets with various lengths of chain guides attached. The portion of the extension chain guide which is attached to socket extends less than ⅛ inch outside of socket shell, making it possible to insert the socket in any husk, no matter how closely it follows the outline of shell.

Extension Chain Guides of following lengths furnished from stock.

	Length.		Length.
Zagafaw	⅜ inch	Zagafaz	1¼-inch
Zagafax	¾ inch	Zagafe	1½-inch
Zagafay	1 inch		

Additional list price either assembled on sockets or loose, 12c. Standard package quantity, 50 of one length or 100 of assorted lengths.

No. 66611.

With Insulated Chain.

We can furnish "New Wrinkle" Pull Sockets with Insulated Chain, accomplished by inserting a piece of fibre rod in the chain about 2 inches below the chain guide. For sockets so equipped add 15c. to the list price. The standard package quantity will be the same as for the standard socket in connection with which the insulated chain is ordered.

Standard length of chain, 8 inches; longer furnished to special order.

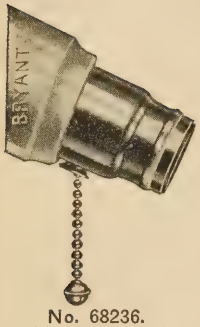
PULL WALL SOCKET.

Zafuber	66611	Pull Wall Socket.....	100	.70

BRYANT "New Winkle" PULL SOCKETS.

Edison Base.

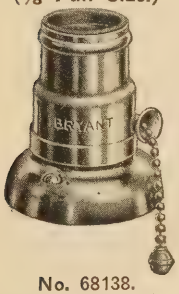
National Electrical Code Standard. 250 Volts.



No. 68236.
(⅜ Full Size.)

PULL ANGLE WALL SOCKET.

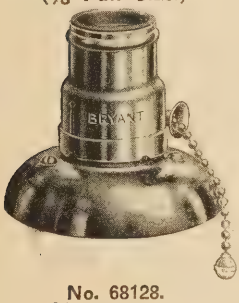
Code Word.	List No.		Std. Pkg.	List Price Each.
Zafubev	68236	Pull Wall Socket.....	50	$0.70



No. 68138.
(⅜ Full Size.)

WITH SMALL COVERED BASE.

Zafubes	68138	Pull Wall Socket.....	100	.75

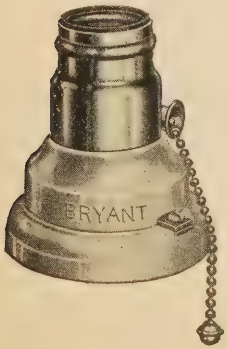


No. 68128.
(⅜ Full Size.)

WITH LARGE COVERED BASE.

Zafubet	68128	Pull Wall Socket.....	50	1.00
Zagahuc	374	Brass plate for attaching large base wall socket to 3¼-inch round outlet boxes..	100	.10

3¼-inch round boxes are Bossert No. 17, Krantz H, Pipe ends Nos. 1203 and 1204, Pratt E A and F A, Sprague No. 6250, T. & B. No. 7, Union No. 106, and Unilets ½ and ¾ inch.



No. 68237.
(⅜ Full Size.)

K. W. PULL ROSETTE-SOCKETS.

National Electrical Code Standard. 125 Volts.

Zafubew	68237	Concealed	20	1.10
Zafubex	68238	Cleat	20	1.10
Zafubey	68239	2-wire moulding	20	1.10
Zafubez	68240	3-wire moulding	20	1.10
Zafubi	68241	Combination	20	1.10

Caps are interchangeable and will fit any K.-W. rosette base.

BRYANT AND PERKINS SOCKETS.

SPECIAL FINISHES ON KEY AND KEYLESS SOCKETS AND WALL SOCKETS.

Schedule "B"

	Std. Pkg.	List Price.
The standard finish of all Brass Shell Sockets is Polished Brass, which will be furnished unless otherwise specified.		
Sockets in Old or Brush Brass, Bauer Barff, Wrought Iron and Polished Gilt finishes—Add to List Price	*	$0.02
Sockets with Shade-Holders attached, in these finishes—Add to List Price	*	.04
Sockets in all other Brass finishes except Sand Blast, all Copper finishes except Sand Blast, Polished Nickel and Statuary Bronze—Add to List Price	*	.04
Sockets with Shade-Holders attached, in these finishes—Add to List Price	*	.06
Sockets in all Sand Blast finishes and any other finishes not covered by the above—Add to List Price	*	.06†
Sockets with Shade-Holders attached, in all Sand Blast finishes and any other finishes not covered by the above—Add to List Price	*	.08†

*Same as regular finish. Regular and special finishes of one catalogue number may be assorted to make up quantity.

†When ordered in lots of 500 of one catalogue number and one finish, this list price will be reduced 2c.

SPECIAL FINISHES ON PULL SOCKETS AND PULL WALL SOCKETS.

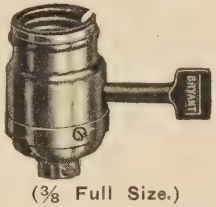
Schedule "B"

The standard finish on all Pull Sockets is Polished Brass, which will be furnished unless otherwise specified.		
Sockets in Old and Brush Brass, Bauer Barff, Wrought Iron and Polished Gilt finishes—Add to List Price	*	.03
Sockets in Oxidized Copper and Polished Nickel—Add to List Price	*	.06
Sockets in Old English Bronze, Antique or Flemish Brass, Oxidized Brass, English Bronze, Etruscan Gilt, Gold Bronze, Mottled Copper, Antique or Acid Copper, Polished Bronze, Polished Copper, Polished Steel Lemon Brass, Burnished Gilt, Acid Bronze, Ormolu Gilt—Add to List Price	*	.10
Sockets in Satin Gold, Oxidized Silver, Ground or Butler's Silver, Pompeiian Bronze, Polished Silver, Roman Gold, Gun Metal, Sand Blast, Antique Bronze, Sand Blast Old Brass—Add to List Price	*	.15
Special finishes on Pull Sockets with Shade-Holders attached—Add to List Price of Special Fnishes on Standard Pull Sockets	*	.02
Special finishes on extra Chain—Add to List Price per foot		.02
Extra Chain for Pull Sockets, when attached to Socket—Add to List Price per foot		.10
Acorns for Pull Sockets—Add to List Price		.06

*Same as regular finish. Regular and special finishes of one catalogue number may be assorted to make up quantity.

SOCKETS WITH EXTRA LONG KEYS.

Schedule "B"



(⅜ Full Size.)

The Key Sockets listed in this catalogue have keys three-quarter inches long, but can be fitted with longer keys on special order, which must specify distance desired between outside of shell and end of handle.

We carry the following in stock:

1 inch, same price and standard package as ¾-inch.	
1¼-inch, standard package, 100 of one length—Add to List Price of Standard Sockets	.05
1½-inch, standard package, 100 of one length—Add to List Price of Standard Sockets	.05
2 -inch, standard package, 100 of one length—Add to List Price of Standard Sockets	.05
2½-inch, standard package, 100 of one length—Add to List Price of Standard Sockets	.05

On orders for Sockets with Extra Long Keys, where the length is not given, it is our rule to ship 1½-inch.

BRYANT AND PERKINS MISCELLANEOUS SOCKETS.

(⅜ Full Size.)

SOCKETS WITH EXTENSION KEYS.

We are prepared to furnish our Sockets with Extension Keys, as shown in the illustration, designed to receive a special key, furnished by the fixture manufacturers, to match the fixture.

The threaded metal part of the Extension Key is thoroughly insulated from the other parts of the socket. The screw is 21/64 inches diameter, 26 threads.

	Std. Pkg.	List Price Each.
Add to List Price of Standard Sockets.....	100	.$0.07

No. 102718.
(⅜ Full Size.)

PERKINS' "NEW WRINKLE" ELECTROLIER SOCKETS.

These Sockets embody all the merits of the standard "New Wrinkle" Sockets, but are not interchangeable therewith, being smaller in diameter. For years the fixture trade have demanded a Socket of small size. In the new devices listed above we have reduced to their smallest proportions Key and Keyless Sockets capable of receiving a standard Edison base lamp. It is sufficient recommendation to say that they are the same high grade goods as the standard "New Wrinkle" line.

Code Word.	List No.			
Zagadok	102718	Edison Electrolier Key Socket, ⅛-inch cap	250	.43
Zagadol	102719	Edison Electrolier Keyless Socket, ⅛-inch cap.....	250	.40

No. 66237.
(⅜ Full Size.)

ELECTROLIER SOCKETS.

Zadaxes	66237	Keyless, ⅛ inch.....	250	.40
Zadaxi	50766	Keyless, ⅜ inch.....	100	.46

No. 46751.
(⅜ Full Size.)

TWIN SOCKETS.

Zabirif	46750	Keyless Socket, ⅛ inch.....	50	.65
Zabirig	46751	Keyless Socket, ⅜ inch.....	50	.70
Zabirih	46752	Keyless Socket, ⅜-inch male thread	50	.70

No. 102715.
(⅜ Full Size.)

TWIN PULL SOCKETS.

This device operates as follows:

First pull connects Socket No. 1.

Second pull disconnects Socket No. 1 and connects Socket No. 2.

Third pull connects both Sockets.

Fourth pull disconnects both Sockets.

This arrangement makes it most useful. It can be used as an Electrolier Socket by inserting lamps of different candle power or a current tap permitting the control of a fan motor, heating device, or the like, without interfering with the use of the lamp.

Zagadom	102715	Edison Twin Pull Socket, ⅛-inch cap	50	1.00
Zagadon	102716	Edison Twin Pull Socket, ⅜-inch cap	50	1.06

BRYANT SOCKETS.

Edison Base.

"LANGE" SOCKETS.

No. 9386.
(⅜ Full Size.)

Code Word.	List No.		Std. Pkg.	List Price Each.
Zadasem	9386	Key Socket, ⅛ inch.....	500	$0.33
Zadasen	50760	Key Socket, ⅜ inch.....	250	.39
Zadarip	99386	Key Socket, pendant cap....	500	.33
Zadasep	9392	Keyless Socket, ⅛ inch.....	500	.30
Zadaser	50768	Keyless Socket, ⅜ inch.....	250	.36
Zadirir	99392	Keyless Socket, pendant cap.	500	.30
		With 2¼-inch Shade-Holder Attached.		
Zadases	27740	Key Socket, ⅛ inch.....	500	.39
Zadaset	28710	Key Socket, ⅜ inch.....	250	.45
Zadasev	27741	Keyless Socket, ⅛ inch.....	500	.36
Zadasew	28720	Keyless Socket, ⅜ inch.....	250	.42
		With 3¼-inch Shade-Holder Attached.		
Zadasex	29400	Key Socket, ⅛ inch.....	100	.47
Zadasey	29401	Key Socket, ⅜ inch.....	100	.53
Zadasez	29402	Keyless Socket, ⅛ inch.....	100	.44
Zadasi	29403	Keyless Socket, ⅜ inch.....	100	.50
		With Male Thread.		
Zadaxib	43389	Key Socket, ⅜-in. cap.....	250	.39
Zadaxic	43390	Keyless Socket, ⅜-in. cap...	250	.36

SOCKETS WITH REMOVABLE RING.

Standard Socket.

Zadasib	50740	Key Socket, ⅛ inch.....	500	.35
Zadasic	50762	Key Socket, ⅜ inch.....	250	.41
Zadasid	50741	Keyless Socket, ⅛ inch.....	500	.32
Zadasif	50771	Keyless Socket, ⅜ inch.....	250	.38

No. 9395.
(⅜ Full Size.)

Sockets with male threads can be furnished with shade-holders attached on special order at same prices as for ⅜-inch female thread shade-holder sockets listed above.

The cap for the Pendant Socket is provided with a double bushing, the inner one having a hole 9/32 inches in diameter, suitable for No. 16 approved lamp cord. This inner bushing can be removed when larger cord is to be used, leaving another bushing with 13/32-inch hole, suitable for No. 16 approved portable cord.

PORCELAIN SOCKETS.

National Electrical Code Standard. 250 Volts.

No. 50799.
(⅜ Full Size.)

Zadaxik	9395	Key Socket, pendant.....	250	.30
Zadaxil	9393	Keyless Socket, pendant.....	250	.25
Zadaxim	50799	Key Socket, ⅛ inch.....	100	.35
Zadaxin	50896	Keyless Socket, ⅛ inch.....	100	.30
Zadaxip	34947	Key Socket, ⅜ inch.....	100	.35
Zadaxir	34948	Keyless Socket, ⅜ inch.....	100	.30

BRYANT SOCKETS.

Edison Base.

SOCKET FOR CANDLE FIXTURES.

This socket is for standard Edison base lamps and is designed to be used on fixtures having imitation candles made of white enameled brass tubing.

No. 4004.
(3/8 Full Size.)

Code Word.	List No.		Std. Pkg.	List Price Each.
Zagamed	4004	For Candle Fixtures.....	250	$0.25

600 VOLT KEYLESS SOCKETS.

No. 25709.
(3/8 Full Size.)

Zadaxiv	25709	Aluminum shell, 3/8 inch.....	50	.70
Zadaxiw	50701	Aluminum shell, 1/2 inch.....	50	.70
Zadaxix	25710	Brass shell, 3/8 inch.....	50	.70
Zadaxiy	50702	Brass shell, 1/2 inch.....	50	.70

In the above sockets the shell is made in two parts which screw together.

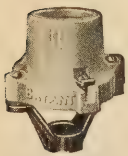
No. 32440.
(3/8 Full Size.)

Zadaxiz	32441	Aluminum shell, 3/8 inch.....	50	.50
Zadaxo	32440	Aluminum shell, 1/2 inch.....	50	.50
Zadaxob	32443	Brass shell, 3/8 inch.....	50	.50
Zadaxoc	32442	Brass shell, 1/2 inch.....	50	.50

In the above sockets the shell is made in two parts, which are secured together by means of bayonet joints and binding screws.

STREET HOOD SOCKETS.

National Electrical Code Standard. 250 Volts.



No. 25706.
(1/4 Full Size.)

With Side Lugs.

Zadaxis	25706	.....	100	.27

No. 25707.
(1/5 Full Size.)

With Wire Leads.

Zadaxit	25707	.....	100	.44

Back yoke made of malleable iron, with 3/8-inch iron pipe thread.

BRYANT WALL SOCKETS.

National Electrical Code Standard. 250 Volts.

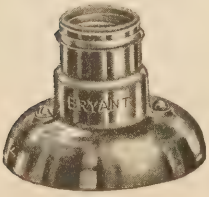
No. 9184.
(⅜ Full Size.)

No. 50717.
(⅜ Full Size.)

No. 50753.
(⅜ Full Size.)

No. 60018.
(⅜ Full Size.)

No. 60019.
(¼ Full Size.)



No. 60020.
(¼ Full Size.)

EDISON BASE.

Code Word.	List No.		Std. Pkg.	List Pr. Each.
Zadaxod	9184	Key Wall Socket.....	250	$0.44
Zadaxof	9185	Keyless Wall Socket.....	250	.40

The above Sockets can be furnished with either 2¼ or 3¼ inch Shade-Holders attached to the shells on special order.

Zadeci	50717	Keyless Wall Socket.....	250	.25

ANGLE WALL SOCKETS.

Zadecev	50753	Key	100	.55
Zadecew	50755	Keyless	100	.50

WITH COVERED BASE.

Zafubac	60018	Key, small covered base.....	250	.44
Zafubad	60019	Keyless, small covered base..	250	.40
Zafubaf	60020	Keyless, large covered base..	100	.45

BRYANT WALL SOCKETS.

No. 50747.
(⅜ Full Size.)

EDISON BASE.

WITH REMOVABLE RING.

Code Word.	List No.		Std. Pkg.	List Pr. Ea
Zadaxog	50747	Edison Key Wall Socket.....	250	$0.44
Zadaxoh	50723	Edison Keyless Wall Socket Solid	100	.30
Zadaxok	29176	Edison Keyless Wall Socket, Solid, Brown Porcelain....	100	.30
Zadaxol	50745	Edison Keyless Wall Socket, Slotted	250	.30
Zadaxom	50786	Edison Keyless Wall Socket, Slotted, Brown Porcelain..	250	.30

No. 50723.
(⅜ Full Size.)

WITH REMOVABLE RING AND CONCEALED BASE.

No. 50748.
(⅜ Full Size.)

Zadaxon	50748	Edison Key Wall Socket....	250	.44

No. 50746.
(⅜ Full Size.)

Zadaxop	50746	Edison Keyless Wall Socket.	250	.40

No. 50785.
(⅜ Full Size.)

Zadecib	50785	Keyless Wall Socket, concealed	100	.45
Zedecio	24998	Keyless Wall Socket for switchboard. With studs for rear connection.....	100	.30

No. 50783.
(¼ Full Size.

WITH DOUBLE POLE FUSE.

Zadecay	50783	Key	250	.60
Zadecez	50784	Keyless	250	.55

BRYANT K. W. ROSETTE SOCKETS.

National Electrical Code Standard.—125 Volts.

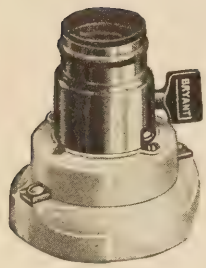
EDISON BASE.

Key.

Code Word.	List No.		Std. Pkg.	List Price Each.
Zadekan	50729	Concealed	100	$0.60
Zadekap	50730	Cleat	100	.60
Zadekar	50731	2-Wire Moulding	100	.60
Zadekas	45361	3-Wire Moulding	100	.60
Zadekat	28727	Combination	100	.60

Keyless.

Zadekav	50732	Concealed	50	.55
Zadekaw	50733	Cleat	50	.55
Zadekax	50734	2-Wire Moulding	50	.55
Zadekay	45362	3-Wire Moulding	50	.55
Zafuciy	28732	Combination	50	.55



No. 50729.
(⅜ Full Size.)

Caps are Interchangeable and will fit any K. W. Rosette Base.

These Sockets can be furnished with either 2¼ or 3¼ inch shade-holders attached to the shade, on special order.

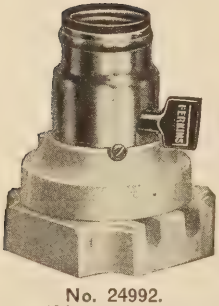
REMOVABLE RING.

Zadekef	38398	Edison Key, concealed	100	.60
Zadekeg	38399	Edison Key, cleat	100	.60
Zadekeh	38600	Edison Key, 2-wire moulding.	100	.60
Zadekek	46222	Edison Key, 3-wire moulding.	100	.60
Zadekel	38601	Edison Key, combination	100	.60
Zadekem	38602	Edison Keyless, concealed	50	.55
Zadeken	38603	Edison Keyless, cleat	50	.55
Zadekep	38604	Edison Keyless, 2-wire moulding	50	.55
Zadeker	46223	Edison Keyless, 3-wire moulding	50	.55
Zadekes	38605	Edison Keyless, combination	50	.55

THOMAS ROSETTE.—SOCKETS.

National Electrical Code Standard.—125 Volts.

Zadeket	24990	Edison Key, concealed	100	.60
Zadekev	24991	Edison Key, cleat	100	.60
Zadekew	24992	Edison Key, 2-wire moulding.	100	.60
Zadekex	24993	Edison Keyless, concealed	50	.55
Zadekey	24994	Edison Keyless, cleat	50	.55
Zadekez	24995	Edison Keyless, 2-wire moulding	50	.55



No. 24992.
(⅜ Full Size.)

Caps are Interchangeable and will fit any Thomas 125-Volt Rosette Base.

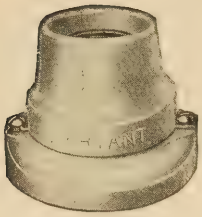
These Sockets can be furnished with either 2¼ or 3¼ inch shade-holders attached to the shade, on special order.

REMOVABLE RING.

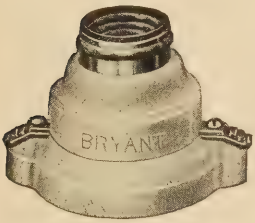
Zadeki	46262	Edison Key, concealed	100	.60
Zadekib	46263	Edison Key, cleat	100	.60
Zadekic	46264	Edison Key, 2-wire moulding.	100	.60
Zadekid	46265	Edison Keyless, concealed	50	.55
Zadekif	46266	Edison Keyless, cleat	50	.55
Zadekig	46267	Edison Keyless, 2-wire moulding	50	.55

BRYANT ROSETTE-RECEPTACLES.

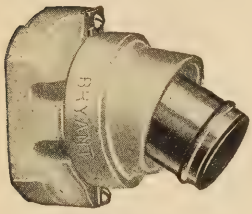
Edison Base.



No. 9404.
(⅜ Full Size)



No. 9436.
(⅜ Full Size.)



No. 9439.
(⅜ Full Size.)

No. 25094.
(⅜ Full Size.)

No. 25091.
(⅜ Full Size.)

K. W. ROSETTE RECEPTACLES.

National Electrical Code Standard. 125 Volts.

Code Word.	List No.		Std. Pkg.	List Price Each.
Zadaxuw	9404	Concealed	50	$0.40
Zadaxux	9434	Cleat	50	.40
Zadaxuy	9435	2-wire Moulding	50	.40
Zadaxuz	45364	3-wire Moulding	50	.40
Zadaya	29173	Combination	50	.40

SHADE-HOLDER STYLE.

Zadayab	9405	Concealed	50	.50
Zadayac	9436	Cleat	50	.50
Zadayaf	9437	2-wire Moulding	50	.50
Zadayag	45365	3-wire Moulding	50	.50
Zadayah	29174	Combination	50	.50

ANGLE STYLE.

Zabayec	9406	Concealed	50	.80
Zabayed	9438	Cleat	50	.80
Zabayef	9439	2-wire Moulding	50	.80
Zabayeg	45366	3-wire Moulding	50	.80
Zabayeh	29175	Combination	50	.80

All caps are interchangeable and will fit any K. W. Rosette base.

THOMAS ROSETTE RECEPTACLES.

National Electrical Code Standard. 125 Volts.

Zabayek	25094	Concealed	50	.40
Zabayel	25092	Cleat	50	.40
Zabayem	25096	2-wire Moulding	50	.40

SHADE-HOLDER STYLE.

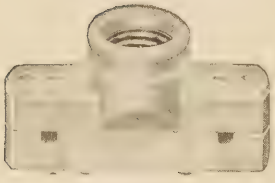
Zabayen	25093	Concealed	50	.50
Zabayep	25091	Cleat	50	.50
Zabayer	25095	2-wire Moulding	50	.50

Caps are interchangeable and will fit any Thomas 125-Volt Rosette base.

BRYANT PORCELAIN RECEPTACLES.

No. 58301.
(⅜ Full Size.)

Code Word.	List No.		Std. Pkg.	List Pr. Ea.
Zafapok	58301	Edison Cleat Receptacle.	250	$0.25

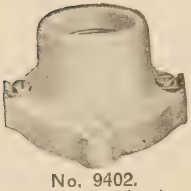


No. 58300.
(⅜ Full Size.)

Zafapol	58300	Edison Cleat Receptacle for Shade-Holder.....	250	.30

No. 58949.
(⅜ Full Size.)

Zafapom	58940	Edison Cleat Receptacle with brass ring for Shade-Holder	250	.35



No. 9402.
(⅜ Full Size.)

Zadaxov	9402	Edison Cleat Receptacle.	500	.15

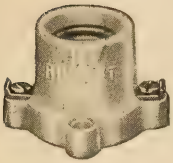
No. 9403.
(⅜ Full Size.)

Zadaxow	9403	Edison Cleat Receptacle.	250	.25

Holes for Supporting Screws are Spaced 2⅜ Inches on Centers.

BRYANT PORCELAIN RECEPTACLES.

Edison Base.



No. 50715.
(⅜ Full Size.)

National Electrical Code Standard. 250 Volts.

Code Word.	List No.		Std. Pkg.	List Price Each.
Zadaxoz	50715	Pony Cleat Receptacle.....	500	$0.15
Zadaxu	11221	Pony Cleat Receptacle, with Phosphor Bronze Flexible Spring Contact	500	.20

No. 28795.
(⅜ Full Size.)

Zadaxup	28795	Cleat Receptacle, with Spring Center Contact	250	.15

No. 59275.
(⅜ Full Size.)

FOR DAMP PLACES.

Wires Raised One Inch from Surface Wired Over.

Zafopoh	59275	Edison Cleat Receptacle.....	500	.18

No. 9171.
(⅜ Full Size.)

Zadaxor	9171	Edison Cleat Receptacle.....	500	.10
Zadaxos	50757	Edison Cleat Receptacle, with Copper Fittings and Screws.	250	.20

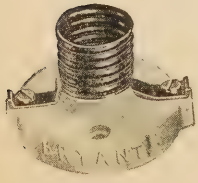
Supported by One Screw in the Center.

No. 9394.
(⅜ Full Size.)

REMOVABLE RING.

Supported by One Screw in the Center.

Zadaxot	9394	Edison Cleat Receptacle.....	250	.20



No. 50716.
(⅜ Full Size.)

For Testing, Temporary and Decorative Work.

Zadaxub	50716	Cleat Testing Base.....	500	.18

BRYANT PORCELAIN RECEPTACLES.

Edison Base.

National Electrical Code Standard. 250 Volts.

No. 4000.
(⅜ Full Size.)

Code Word.	List No.		Std. Pkg.	List Price Each.
Zagamef	4000	Concealed Receptacle	250	$0.2[illegible]

No. 4001.
(⅜ Full Size.)

Zagameg	4001	Concealed Receptacle, for Shade Holder	250	.30

No. 4002.
(⅜ Full Size.)

Zagameh	4002	Concealed Receptacle, with Base Ring for Shade Holder	250	.35

No. 50744.
(⅜ Full Size.)

Zadakuh	50744	Concealed Receptacle, with Removable Ring	100	.30

For Shade Holder—Fusible—Double Pole.

No. 9447.
(⅜ Full Size.)

Zadaxud	9447	Concealed Receptacle, with Removable Ring	100	.45

Fusible Single Pole.

No. 9401.
(⅜ Full Size.)

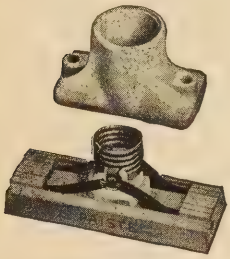
Zadaxuc	9401	Receptacle, Slotted Base.....	100	.40

Cover held in place by brass machine screw.

PAISTE FIELDING RECEPTACLES.

National Electrical Code Standard.

This splendid line of receptacles now comprises more than a dozen different styles, varying in size and shape to meet the requirements of many different uses, although the method of their wiring remains the same in all. The Standard Fielding Receptacle, No. 50724, best shows the principle. The receptacle is made in two parts, the lamp receptacle part and the cover piece. The receptacle part is just set on top of the moulding, and the feed wires are bared ¼ inch to slip under the set screws. The porcelain cover is set on and screwed to the moulding. The capping is then cut square to meet the square ends of the cover piece. For moulding work they are superior to any other receptacles now on the market. Nos. 8029 (50724) and 8031 (50726) can be used on Paiste Pipe Taplets.



No. 8029 (No. 50724).

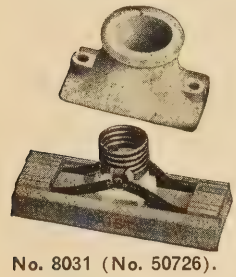
TWO WIRE MOULDING.

Plain Type.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zademim	8029	50724	Edison base...	250	$0.25

Shade Holder Type.

Zademip	8031	50726	Edison base...	250	.30

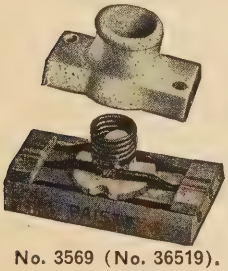


No. 8031 (No. 50726).

THREE WIRE MOULDING.

Zademis	3569	36519	Edison base...	250	.35

Adapted to use with shade holder.



No. 3569 (No. 36519).

For Cleat Work.

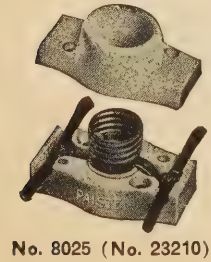
A most convenient line to use with open wiring, following closely the Fielding receptacle for moulding work. The cover piece completely conceals the contact terminals.

Plain Type.

Zademit	8025	23210	Edison base...	250	.25

Shade Holder Type.

Zademiw	8027	23209	Edison base...	250	.30



No. 8025 (No. 23210).

WEATHERPROOF SOCKET SHADE HOLDER.

For Use With Fielding Receptacles.

Zademiy	8037	4008	2¼ inch.....	144	12.50
Zademiz	8038	5201	3¼ inch.....	144	26.75

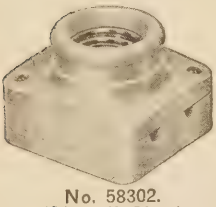
BRYANT PORCELAIN RECEPTACLES.

Edison Base.

National Electrical Code Standard. 250 Volts.

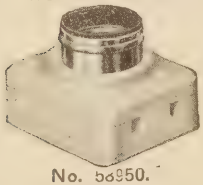
No. 42453.
(⅜ Full Size.)

Code Word.	List No.		Std. Pkg.	List Price Each.
Zadaxuf	42453	Moulding Receptacle	250	$0.25



No. 58302.
(⅜ Full Size.)

Zadaxox	58302	Moulding Receptacle, for Shade Holder	250	.30



No. 58950.
(⅜ Full Size.)

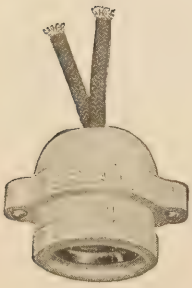
Zadaxoy	58950	Moulding Receptacle, with Brass Ring for Shade Holder	250	.25

RECEPTACLES FOR CONDUIT BOXES.

No. 62357.
(⅜ Full Size.)

The only Receptacle on the market that can be attached to round boxes without the use of a cover. The Receptacle itself forms the cover to the box. Spring center contact. Has binding screw connections. Can be made weatherproof by using a rubber gasket under Receptacle.

Zabirit	62357	For use with 3¼-inch Round Boxes.....	250	.35



No. 59107.
(⅜ Full Size.)

A very convenient device in connection with iron conduit installations; is entirely weatherproof. Has ring for shade holder. Supporting screws attached to threaded eyelets, not to loose nuts. Six inches of wire with each Receptacle. Longer wires on special order.

Zabiriv	59107	Conduit Box Receptacle.....	250	.22
Zabirix	364	*Polished Brass Cover for 3¼-inch Round Boxes.....	100	.18
Zabiriy	365	†Polished Brass Cover 4-inch Round Boxes	100	.23

*3¼-inch round boxes are Bossert No. 17, Krantz H, Pipe Ends Nos. 1203 and 1204, Pratt E A and F A, Sprague No. 6250, T & B No. 7, Union No. 106 and Unilets ½ and ¾ inch.

†4-inch round boxes are Bossert No. 8, Harvard No. 8 N, and 8 H, Pratt CA, DA and G A, T & B No. 9 and Union Nos. 103, 104 and 105.

BRYANT PORCELAIN RECEPTACLES.

Edison Base.

National Electrical Code Standard. 250 Volts.

No. 9514.
(⅜ Full Size.)

RECEPTACLES FOR CONDUIT BOXES.

Code Word.	List No.		Std. Pkg.	List Price Each.
Zadaxuk	9514	Flush Receptacle.....	250	$0.30

No. 9397.
(⅜ Full Size.)

Zadaxul	9397	Conduit Box Receptacle.....	250	.20

No. 40507.
(⅜ Full Size.)

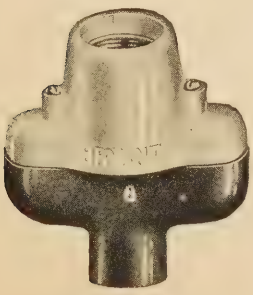
Zadaxum	40507	Conduit Receptacle.....	250	.17

This is No. 50746 Keyless Wall Socket with Shell, Lining and Ring omitted.

No. 40537.
(⅜ Full Size.)

Zadaxun	40537	Conduit Receptacle.....	250	.18

This is No. 50745 Keyless Wall Socket with Shell, Lining and Ring omitted.



No. 62355.
(⅜ Full Size.)

RECEPTACLES FOR SURFACE CONDUIT FITTINGS.

Fits Types A, B, C, D, E, L, T, TR, U and X ½-inch condulets and ½ and ¾-inch pipe ends.

These Receptacles are designed with a view specially to ease of wiring. The binding screws are long, heavy and easily accessible. The screws by which the cover is attached to the base are secured by split washers, so that they cannot be lost. The porcelain parts are all ruggedly proportioned and are not liable to be broken.

Zabiro	62355	Edison Surface Conduit Receptacle	250	.25
Zabiriz	62356	Edison Surface Conduit Receptacle for Shade-holder	250	.30

BRYANT PORCELAIN RECEPTACLES.

Edison Base.

National Electrical Code Standard. 250 Volts.

No. 59108.
(⅜ Full Size.)

RECEPTACLES FOR METAL SIGNS.

This Receptacle is adjustable and can be placed firmly in any position.

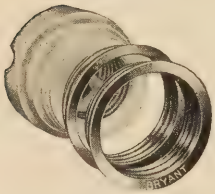
Code Word.	List No.		Std. Pkg.	List Price Each.
Zabirir	59108	With Removable Ring....	250	$0.20

No. 46749.
(⅜ Full Size.)

Zabirod	46749	Edison Sign Receptacle...	250	.17

No. 40488.
(⅜ Full Size.)

Zabiris	40488	Pony Sign Receptacle.....	250	.17



No. 102717.
(⅜ Full Size.)

Zagahud	102717	"Ruby" Sign Receptacle..	250	.20

RECEPTACLES FOR WOODEN SIGNS.

Diameter of base, 1 15/16 inches; height above base, 1 inch; thickness of base, ½ inch; diameter of top, 1½ inches.

No. 1700.
(⅜ Full Size.)

Zadaxut	1700	Pony Sign Receptacle.....	500	.14

No. 50782.
(⅜ Full Size.)

Zadaxur	50899	Sign Receptacle, short skirt	100	.25
Zadaxus	50782	Sign Receptacle, long skirt.	100	.25

BRYANT MINIATURE AND CANDELABRA SOCKETS AND RECEPTACLES.

National Electrical Code Standard. 125 Volts.

No. 321.
(½ Full Size.)

SOCKETS.

Code Word.	List No.		Std. Pkg.	List Price Each.
Zafohix	320	Miniature Keyless Socket, ⅛ inch	200	$0.23¼
Zafohiy	321	Candelabra Keyless Socket, ⅛ inch	200	.23½

No. 322.
(½ Full Size.)

Zafohiz	322	Miniature Weatherproof Pendant Socket	200	.12
Zafoho	323	Candelabra Weatherproof Pendant Socket	200	.13½

Each Socket fitted with 6 inches of No. 18 B. & S. stranded rubber covered wire. Sockets with longer wires furnished on special order.

RECEPTACLES.

No. 9445.
(½ Full Size.)

Zafohob	9445	Miniature Receptacle, round base	500	.06
Zafohoc	9446	Candelabra Receptacle, round base	500	.06
Zagafeb	366	Miniature Receptacle, round base	200	.07½
Zagafec	367	Candelabra Receptacle, round base	200	.09

No. 325.
(½ Full Size.)

Zafohod	324	Miniature Receptacle, oblong base	200	.10
Zafohof	325	Candelabra Receptacle, oblong base	200	.10
Zafohog	326	Candelabra Receptacle, oblong base, with spring screw-shell	200	.15

No. 328.
(½ Full Size.)

Zafohol	327	Miniature Receptacle for Candle Fixtures	200	.12
Zafohom	328	Candelabra Receptacle for Candle Fixtures	200	.12
Zafohoh	346	Miniature Receptacle for Candle Fixtures	200	.12
Zafohok	347	Candelabra Receptacle for Candle Fixtures	200	.12

Nos. 346 and 347 are the same as Nos. 327 and 328, except they have ⅛-inch female bushing instead of ⅛-inch stud.

No. 25705.
(½ Full Size.)

Zafohon	279	Miniature Sign Receptacle...	100	.24
Zafohop	25705	Candelabra Signa Receptacle.	100	.24

Diameter of base	1 3/8 inches
Thickness of base	3/8 inch
Height above base	7/8 inch
Diameter of top	7/8 inch
Screw Holes on centers	1 5/32 inches

ATTACHMENT PLUGS.

No. 1948.
(⅜ Full Size.)

EDISON BASE.

National Electrical Code Standard.—250 Volts.

BRYANT ATTACHMENT PLUGS.

Brass Cap—Fuseless.

Code Word.	List No.		Std. Pkg.	List Price Each.
Zadehid	1948	.....	250	$0.22

No. 345.
(⅜ Full Size.)

Brass Cap—Fusible.

Zadehif	925	.....	250	.22

MOULDED.

National Electrical Code Standard.—250 Volts.

No. 1009.
(⅜ Full Size.)

Zabirid	345	.....	100	.44

Each plug fitted with six inches of stranded rubber covered wire. Plugs with longer wires furnished on special order.

ENAMELED WOOD HANDLE.

Fuseless.

Zadehig	1009	.....	100	.12

PERKINS ATTACHMENT PLUGS.

Porcelain Cap—Fuseless.

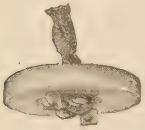
National Electrical Code Standard.—250 Volts.

No. 3286.
(⅜ Full Size.)

Zadehih	3286	.....	250	.22

13/32-in. hole in cap No. 16 New Code Portable Cord.

Porcelain Cap—Fusible.



Zadehik	1286	.....	250	.22

9/32-in. hole in cap No. 16 New Code Lamp Cord.

With Connections for Enclosed (Glass Tube) Fuses.

National Electrical Code Standard.—250 Volts.

No. 3386.
(⅜ Full Size.)

Zadehil	3386	.....	250	.25

A fusible attachment plug is a most desirable article, but the Underwriters have always declined to approve any of the familiar styles for open fuse. Their approval of our new plug for enclosed fuses, shown herewith, has been instant and enthusiastic, and we are sure that the trade will welcome this novel device, which is at once neat, practical and low-priced.

Fuses for use with this plug are shown elsewhere. They are not included with the plug, and will not be sent unless ordered separately.

No. 3530.
(⅜ Full Size.)

Brass Cap Separable Attachment Plug.

Zabaric	3530	.....	100	.32

This Plug is the same as No. 3284, but has a brass covered cap.

ATTACHMENT PLUGS.

PERKINS SEPARABLE ATTACHMENT PLUGS.

Edison Base.

National Electrical Code Standard. 250 Volts.

No. 3284.
(⅜ Full Size.)

This Attachment Plug has been designed to meet the demand for a plug that can be inserted without twisting the cord. The base of the plug is inserted in the socket or receptacle first, and the cap is attached afterward. The contacts are substantial and have ample carrying capacity and the snap catch is sufficiently rigid to prevent accidental detachment of the cap, while a sharp pull on the conducting cord will remove the cap without danger of damaging the receptacle.

Code Word.	List No.		Std. Pkg.	List Pr. Ea.
Zadehim	3284	Edison base.....	250	$0.25

BRYANT "JUNIOR" SWIVELING AND SEPARABLE ATTACHMENT PLUG.

National Electrical Code Standard. 250 Volts.

No. 376.
(⅜ Full Size.)

This Attachment Plug has been designed to meet the demand for an extremely small and neat Attachment Plug light in weight, that should be free from the well-known defects of devices hitherto available. It protrudes but ½-inch beyond the shell of a standard Socket and weighs less than an ounce. Particular attention has been paid to ease of wiring and though separable it is not possible to reverse the polarity of the Plug without changing the connections. This Plug can be readily inserted in a Socket to which a shade is attached. The opening in the Plug is large enough to receive No. 16 Approved portable cord.

Zadehin	376	.....	100	.25

BRYANT WEATHERPROOF SOCKETS.

No. 9366.
(⅜ Full Size.)

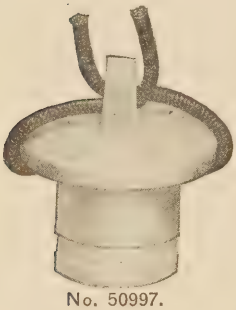
EDISON BASE.

NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

BRYANT PORCELAIN SOCKET.

Code Word.	List No.		Std. Pkg.	List Price. Each.
Zabayak	9366	.....	250	$0.25

Each Socket fitted with 8 inches of No. 14 B. & S. stranded rubber covered wire. Sockets with longer wires furnished on special order.



No. 50997.
(⅜ Full Size.)

BRAGDON WEATHERPROOF SOCKET.

Zadayal	50997	.....	250	.50

Each Socket fitted with 8 inches of No. 14 B. & S. stranded rubber covered wire. Sockets with longer wires furnished on special order.

Extension edge carries the drip away from the lamp and socket. Method of wiring at the top removes the strain from the socket itself and places it on the porcelain. Extra hole in porcelain at top allows for suspension by cord, if desired.

No. 60666.
(⅜ Full Size.)

BRYANT COMPOSITION SOCKET.

Zadayam	60666	.....	250	.60

WEATHERPROOF SOCKET.

WITH SPRING CENTER CONTACT.

Zadayan	42686	.....	250	.65

HARD RUBBER WEATHERPROOF SOCKETS.

Zadayap	50788	.....	250	1.00
Zadayar	42690	With Spring Center Contact	250	1.05

Each Socket filled with 12 inches of stranded rubber covered wire. Sockets with longer wires furnished on special order.

No. 43310.
(⅜ Full Size.)

MOULDED SOCKETS.

Zadayas	43310	.....	250	.36

Each Socket fitted with 6 inches of No. 14 B. & S. stranded rubber covered wire. Sockets with extra long wires furnished on special order.

No. 43311.
(⅜ Full Size.)

BRYANT WEATHERPROOF SOCKETS.

EDISON BASE.

NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

MOULDED BRACKET SOCKETS.

WIRES INSIDE OF PIPE.

Code Word.	List No.		Std. Pkg.	List Price, Each.
Zadayat	43311	⅛ inch.....	100	$0.60
Zadayav	43312	⅜ inch.....	100	.60

No. 43314.
(⅜ Full Size.)

WIRES OUTSIDE OF PIPE.

Zadayaw	43313	⅛ inch.....	100	.60
Zadayax	43314	⅜ inch.....	100	.60

Each socket fitted with 6 inches of No. 18 B. and S. solid rubber covered fixture wire. Sockets with extra long wires furnished on special order.

No. 9448.
(⅜ Full Size.)

PORCELAIN BRACKET SOCKETS.

Zadayay	9448	⅛ inch.....	100	.60
Zadayaz	9496	⅜ inch.....	100	.60

Each socket fitted with 8 inches of No. 18 B. and S. solid rubber covered fixture wire. Sockets with longer wires furnished on special order.

Cap is a brass casting, polished and lacquered, and fitted with steel set screw.

No. 9408.
(⅜ Full Size.)

BRYANT WEATHERPROOF RECEPTACLES.

EDISON BASE.

NATIONAL ELECTRICAL CODE STANDARD—250 VOLTS.

WITH BOTTOM WIRES.

Zadaye .	9408	.....	100	.40

No. 9407.
(⅜ Full Size.)

WITH SIDE WIRES.

Zadayeb	9407	.....	100	.40

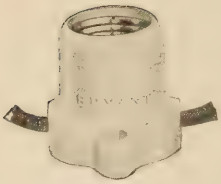
These are specially heavy and adapted particularly for use in breweries, cellars, warehouses, etc.

Each receptacle fitted with 8 inches of No. 14 B. and S. standard rubber covered wire. Receptacles with longer wires furnished on special order.

BRYANT WEATHERPROOF RECEPTACLES.

Edison Base.

National Electrical Code Standard. 250 Volts.



No. 44912.
(3/8 Full Size.)

With Side Wires.

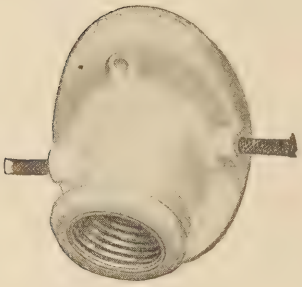
Code Word.	List No		Std. Pkg.	List Price Each
Zabayes	44912B	Pony.....	100	$0.3[illegible]

With Bottom Wires.

Zabayet	9411	Pony.....	100	$0.35

No. 9411.
(3/8 Full Size.)

Each Receptacle fitted with 6 inches of No. 14 B. & S. stranded rubber covered wire. Receptacles with longer wires furnished to order.



No. 30000.
(1/2 Full Size.)

ANGLE WEATHERPROOF RECEPTACLE.

With Side Wires.

Zabayev	30000	.....	100	.45

Each Receptacle fitted with 6 inches of No. 14 stranded rubber covered wire. Receptacles with longer wires furnished on special order.

No. 4003.
(3/8 Full Size.)

WEATHERPROOF SIGN RECEPTACLE.

Zagamek	4003	With Removable Ring....	250	.32½

BRYANT RECEPTACLES.

CHAPMAN RECEPTACLES.

NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

No. 1108.

(⅜ Full Size.)

Code Word.	List No.		Std. Pkg.	List Price, Each.
Zabayew	1108	Chapman Receptacle, complete....	25	$1.40
Zabayex	1363	Chapman Gang Receptacle.....	25	.50
Zabayey	1110	Chapman Plug.....	25	.25
Zabayez	1364	Single plate for above, 4½x2¾ in..	25	.65

Outside supporting screw holes 3 9-32 inches on centers.
Inside supporting screw holes 2 13-16 inches on centers.

FLUSH PLATES FOR CHAPMAN RECEPTACLES IN GANGS.

Zabayi	1365	For two receptacles, 4½x4 9-16 in..	..	1.50
Zabayib	1366	For three receptacles, 4½x6⅜ in...	..	2.25
Zabayic	1367	For four receptacles, 4½x8 3-16 in.	..	3.00

Receptacles in gangs spaced 1 13-16 inches on centers.

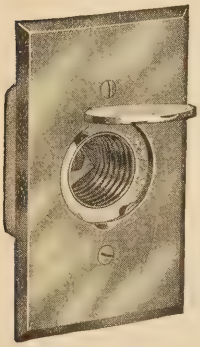
No. 280.

"OLD STYLE" CHAPMAN RECEPTACLE.

Zabayid	280	Receptacle with plug and plate....	25	1.85
Zabayif	281	Cang receptacle only.....	25	.70
Zabayig	282	Plate, only, 4½x2½ in.....	25	.65
Zabayih	283	Plug only	25	.50

Holes for supporting screws are 3 9-32 inches on centers.

Plates for mounting these receptacels in gangs will be furnished only on special order. When so mounted the receptacles will be spaced 1 13-16 inches on centers.



Nos. 1708 & 1709.

(⅜ Full Size.)

BRYANT SCREW PLUG FLUSH RECEPTACLE.

Zabayik	1708	Edison Screw Plug Gang Receptacle	25	.40
Zabayil	1709	Single plate for above, 4½x2¾ in..	25	.60

This receptacle will receive any standard Edison attachment plug and will be found useful where it is desirable to transfer a connection from a chandelier or bracket. In designing the receptacle we have embodied, so far as practicable, the features of the Chapman Receptacle.

Outside supporting screw-holes 3 9-32 inches on centers.

Inside supporting screw-holes 2 13-16 inches on centers.

Plates for mounting these receptacles in gangs will be furnished only on special order. When so mounted the receptacles will be spaced 1 13-16 inches on centers.

BRYANT RECEPTACLES.

No. 1508.
(⅜ Full Size.)

"JUNIOR" FLUSH RECEPTACLE.

National Electrical Code Standard. 250 Volts.

Code Word.	List No.		Std. Pkg.	List Price Each.
Zadadyoh	1508	With Plug	25	$0.80
Zadayok	1509	Receptacle, only	25	.55
Zadayol	375	Plug, only	25	.25

Plate and plug are polished nickel finish. Plate, 2 7/16 in. diameter. Supporting screw holes, 1½ in. on centers.

SURFACE PLUG RECEPTACLE.

National Electrical Code Standard. 250 Volts.

25 Amperes.—For Concealed Work.

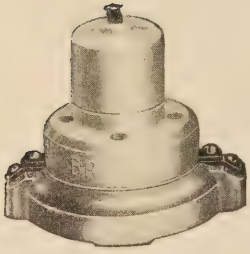
Porcelain parts are massive, and the current carrying parts will stand heavy overloads without danger of heating. The contacts are marked in such a way that the plug can be restored to the receptacle without reversing the polarity, but the polarity can be reversed when desired.

No. 341.
(⅜ Full Size.)

Zabirik	341	Complete with Plug....	25	.60
Zabiril	342	Receptacle, only	25	.35
Zabirim	343	Plug, only	25	.25
Zabirin	344	Porcelain Sub. Base for cleat and moulding work	25	.10

K. W. SURFACE PLUG RECEPTACLES.

National Electrical Code Standard. 125 Volts.



No. 1682.
(⅜ Full Size.)

With Plug.

Zadayom	1681	Concealed	25	.85
Zadayon	1682	Cleat	25	.85
Zadayop	1683	2-wire Moulding	25	.85
Zadayor	285	3-wire Moulding	25	.85
Zadayos	1684	Combination	25	.85

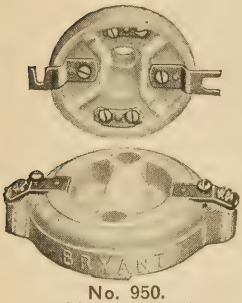
Without Plug.

Zadayot	1685	Concealed	25	.60
Zadayov	1686	Cleat	25	.60
Zadayow	1687	2-wire Moulding	25	.60
Zadayox	286	3-wire Moulding	25	.60
Zadayoy	1688	Combination	25	.60
Zadayoz	1510	Plugs for above	25	.25

Caps are interchangeable and will fit any K. W. Rosette base.

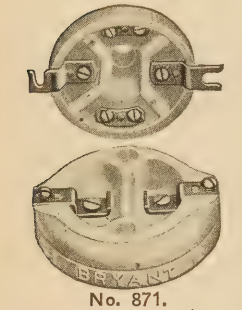
BRYANT K. W. ROSETTES.

National Electrical Code Standard. 125 Volts.



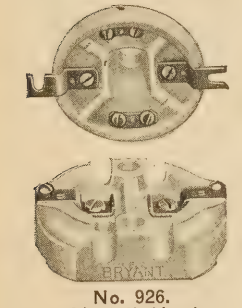
No. 950.
(3/8 Full Size.)

Code Word.	List No.		Std. Pkg.	List Price Each.
Zadasix	950	Cleat Rosette with stamped lugs	250	$0.26
Zadasiy	870	Cleat Rosette with cast lugs.	250	.26



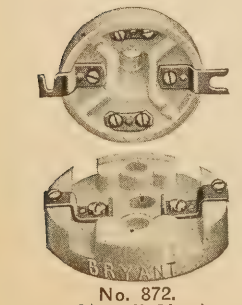
No. 871.
(3/8 Full Size.)

Zadasiz	871	Concealed Rosette	250	.26



No. 926.
(3/8 Full Size.)

Zadaso	926	Two-wire Moulding Rosette.	250	.26
Zadasob	1426	Three-wire Moulding Rosette.	250	.26

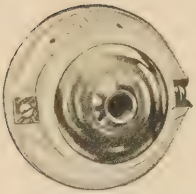


No. 872.
(3/8 Full Size.)

Zadasoc	872	Combination Rosette	250	.26

Caps are interchangeable and will fit any K.-W. Rosette Base.

BRYANT ROSETTES.



No. 873.
(⅜ Full Size.)

K. W. BRACKET ROSETTES.

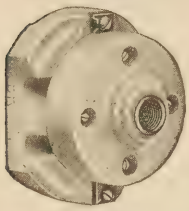
NATIONAL ELECTRICAL CODE STANDARD. 125 VOLTS.

With Brass Face Plate.

Code Word.	List No.		Std. Pkg.	List Price, Each.
Zadayim	873	Concealed	100	$0.36
Zadayin	1176	Cleat	100	.36
Zadayip	1177	2-wire moulding	100	.36
Zadayir	287	3-wire moulding	100	.36
Zadayis	1402	Combination	100	.36

With Brass Thimble.

Zadayit	1073	Concealed	100	.36
Zadayiv	1178	Cleat	100	.36
Zadayiw	1179	2-wire moulding	100	.36
Zadayix	288	3-wire moulding	100	.36
Zadayiy	1403	Combination	100	.36



No. 1179.
(⅜ Full Size.)

BRYANT "JUNIOR" ROSETTES.

FUSIBLE.

NATIONAL ELECTRICAL CODE STANDARD. 125 VOLTS.

Zadayiz	1501	Cleat	500	.15
Zadayo	1502	Concealed	500	.15
Zadayob	1503	Square base	250	.15

No. 1501.
(⅜ Full Size.)

FUSELESS.

NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

Zadayoc	297	Cleat	500	.15
Zadayod	298	Concealed	500	.15
Zadayof	299	Moulding	250	.15

Caps are interchangeable and will fit any Bryant Junior Rosette Base.

No. 298.
(⅜ Full Size.)

FUSELESS.

NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

Zadayog	1999	Cleat	500	.12

No. 1999.
(⅜ Full Size.)

BRYANT ROSETTES.

No. 869.
(⅜ Full Size.)

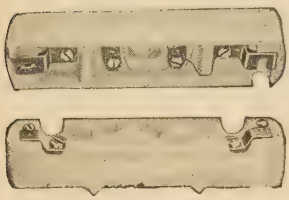
FUSELESS ROSETTES.

National Electrical Code Standard. 250 Volts.

Code Word.	List No.		Std. Pkg.	List Pr. Each.
Zadecas	869	Fuseless Cleat Rosette....	500	$0.12

No. 1247.
(⅜ Full Size.)

Zadecat	1247	Base for No. 869 Rosette..	500	.04



No. 965.
(⅜ Full Size.)

FUSIBLE CLEAT ROSETTE.

With Covered Connections.

National Electrical Code Standard. 125 Volts.

Zadecav	965	Cleat Rosette	250	.26

K. P. FUSELESS ROSETTES.

National Electrical Code Standard. 250 Volts.

Zadecaw	1499	Cleat	500	.16
Zadecax	1710	Concealed	500	.16
Zadecay	1497	Moulding	500	.16

No. 1499.
(⅜ Full Size.)

BRYANT JUNIOR ROSETTES.

National Electrical Code Standard. 125 Volts.

Equipped with Conduit Box Base.

These Rosettes can be attached direct to Conduit boxes without the use of covers. *For 3¼-inch Round Boxes.

Zabirob	368	Fusible Rosette	250	.26

250 Volts.

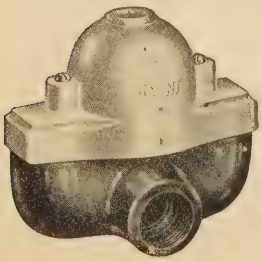
Zabiroc	369	Fuseless Rosette	250	.23

No. 368.
(⅜ Full Size.)

*3¼-inch round boxes are Bossert No. 17, Krantz H, Pipe ends Nos. 1203 and 1204, Pratt E, A and F, A Sprague No. 6250, T & B No. 7, Union No. 106 and Unilets ½ and ¾ inch.

FUSELESS ROSETTE FOR SURFACE CONDUIT FITTINGS.

National Electrical Code Standard. 250 Volts.

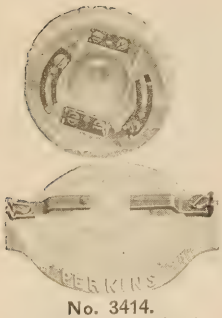


No. 370.
(⅜ Full Size.)

This Rosette is designed with a view specially to ease of wiring. The binding screws are long, heavy and easily accessible. The screws by which the cover is attached to the base are secured by split washers, so that they cannot be lost. The porcelain parts are all ruggedly proportioned and are not liable to be broken.

Zafozug	370	.....	250	.20

THOMAS ROSETTES.

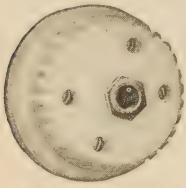


No. 3414.
(No. ⅜ Full Size.)

National Electrical Code Standard.—125 Volts.

Code Word.	List No.		Std. Pkg.	List Price Each.
Zadasod	3414	Cleat	250	$0.26
Zadasof	3415	Concealed	250	.26
Zadasog	3416	Moulding	250	.26

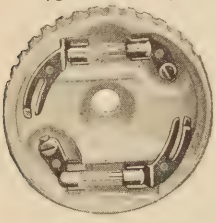
BRACKET ROSETTES.



No. 3418.
(No. ⅜ Full Size.)

Zadasoh	3417	Cleat	100	.36
Zadasok	3418	Concealed	100	.36
Zadasol	3419	Moulding	100	.36

Caps are interchangeable and will fit any Thomas 125-volt Rosette Base.



With Connections for Enclosed (Glass Tube) Fuses.

National Electrical Code Standard.—250 Volts.

Zadayu	3423	Cleat	250	.30
Zadayub	3424	Concealed	250	.30
Zadayuc	3425	Two-wire Moulding.	250	.30

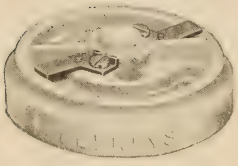
No. 3423.
(⅜ Full Size.)

With Connections for Open Link Fuses.

Zadayud	3420	Cleat	250	.30
Zadayuf	3421	Concealed	250	.30
Zadayug	3422	Moulding	250	.30

Caps are interchangeable and will fit any Thomas 250-volt Rosette Base.

GLASS TUBE FUSES FOR ROSETTES AND ATTACHMENT PLUGS.



No. 3421.
(⅜ Full Size.)

National Electrical Code Standard.—250 Volts.

Zafozuw	348	1 Ampere	100	.05
Zafozuz	284	2 Ampere	100	.05
Zafozuy	349	3 Ampere	100	.05

Length over all, 1⅛ in. Diameter of ferrule, ¼ in.

HAM ATTACHMENT FOR PULL SOCKETS.

No. 45866.

STYLE "H."

Ham Attachment, Patented November 17, 1908, to fit Style "H" or similar holders. Made in two sizes.

No. 3 for all shades up to No. 3-D.

No. 5 for all shades from 3-D to 5-D.

Put up in packages of 10.

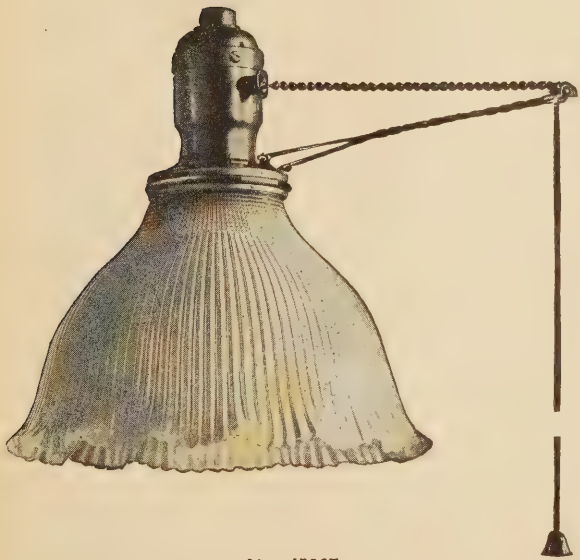
Directions.

Slip yoke through hole in holder.

Snap fork through holes in yoke.

Push end clip partly off arm to allow chain to engage the fork, then slide clip back until it seats. Chain to be nearly level (normally).

Slide bell up cord to desired height.



No. 45867.

STYLE "O."

Ham Attachment, Patented November 17, 1908, to fit Style "O" holders for 25 and 40 watt small base, also Style "A" for 250 watt Tungsten lamps. Made in two sizes.

No. 3 for all shades up to No. 3-D.

No. 5 for all shades from No. 3-D to No. 5-D.

Put up in packages of 10.

Directions.

Slip one end of yoke into holder slot, then spring down other end and slide yoke back into position.

Snap fork through holes in yoke.

Push end clip partly off arm to allow chain to engage in fork, then slide clip back until it seats. Chain to be nearly level (normally).

Slide bell up cord to desired height.

Code Word.	List No.		List Price Each. Brass Finish.	Nickle Finish.	Ox. Cop. Finish.
Zukak	45866	Style "H".....	$0.25	$0.30	$0.30
Zukal	45867	Style "O".....	.25	.30	.30

When ordering, specify style, size, and finish desired.

HUBBELL PULL SOCKETS.

Edison Base.

"Quick Catch" key, keyless and pull sockets are interchangeable.
"Quick Catch" shells lock at any point. Wrenches for husk work furnished without cost, on application.

"QUICK CATCH" SHELL FASTENING.

No. 103618.
(⅜ Actual Size.)

Code Word.	List No.		Std. Pkg.	List Price Each.
Zagafuy	103618	⅛-inch Cap	250	$0.60
Zagafuz	103619	⅜-inch Cap	100	.66
Zagaga	103620	Pendant Cap	250	.60
		With 2¼-inch Shade Holder Attached.		
Zagagab	103621	⅛-inch Cap	250	.66
Zagagac	103622	⅜-inch Cap	100	.72
Zagagad	103623	Pendant Cap	250	.66
		With 3¼-inch Shade Holder Attached.		
Zagagaf	103624	⅛-inch Cap	100	.74
Zagagag	103625	⅜-inch Cap	100	.80
Zagagah	103626	Pendant Cap	100	.74

No. 103618.
(⅜ Actual Size.)

LOCK FASTENING.

No. 35000.
(⅜ Actual Size.)

Zagaguf	35000	⅛-inch Cap	250	.60
Zagagug	35001	⅜-inch Cap	100	.66
Zagaguh	35040	Pendant Cap	250	.60
		With 2¼-inch Shade Holder Attached.		
Zagaguk	103600	⅛-inch Cap	250	.66
Zagagul	103601	⅜-inch Cap	100	.72
Zagagum	103602	Pendant Cap	250	.66
		With 3¼-inch Shade Holder Attached.		
Zagagun	103603	⅛-inch Cap	100	.74
Zagagup	103604	⅜-inch Cap	100	.80
Zagagur	103605	Pendant Cap	100	.74

No. 35000.
(⅜ Actual Size.)

No. 103600.
(⅜ Actual Size.)

HUBBELL SOCKETS.

(Edison Base.)

No. 49783.
(⅜ Actual Size.)

CANDELABRA PULL SOCKET.

Standard Length of Chain on each Socket 3 inches.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Each. Price
Zabeguz	49783	5455	Edison Base.....	50	$0.60
Zabeha	49784	5593	French Base.....	50	.60
			Sockets furnished with chains over 3 inches in length add to list, per foot.....		.10

Candelabra Extension No. 49785. (⅜ Actual Size.)

Candle. No. 49790. (⅜ Actual Size.)

HUBBELL CANDELABRA EXTENSION.

National Electrical Code Standard.

The Candelabra Extension—an adjunct to our Candelabra Socket—can be used on any device fitted with a candelabra base. Its terminals are connected by a brass tube, heavily insulated, giving the rigidity so essential to candelabra work.

This extension is designed to take a 4-inch candle, and is sold complete with socket, or separately, as listed.

The accompanying cut illustrates the extension, complete with Candelabra Socket.

Collar.—No. 49789.
(⅜ Actual Size.)

Zabehab	49785	5481	Candelabra Extension..	50	.35
Zabehad	49789	5482	Candelabra Collar.....	50	.05
Zabehak	49790	5483	Candelabra Candle....	50	.15

No. 103664.
(⅜ Actual Size.)

H. K. S.—QUICK CATCH FASTENING.

Zagahas	103664	Key, ⅛ Inch Cap.....	500	.33
Zagahat	103665	Key, ⅜ Inch Cap.....	250	.39
Zagahav	103666	Key, Pendant Cap....	500	.33
Zagahaw	103667	Keyless, ⅛ Inch Cap..	500	.30
Zagahax	103668	Keyless, ⅜ Inch Cap..	250	.36
Zagahay	103669	Keyless, Pendant Cap.	500	.30

With 2¼-Inch Shade-Holder Attached.

Zagahaz	103670	Key, ⅛ Inch Cap.....	500	.39
Zagahe	103671	Key, ⅜ Inch Cap.....	250	.45
Zagaheb	103672	Key, Pendant Cap....	500	.39
Zagahec	103673	Keyless, ⅛ Inch Cap..	500	.36
Zagahed	103674	Keyless, ⅜ Inch Cap..	250	.42
Zagahef	103675	Keyless, Pendant Cap.	500	.36

No. 103670.
(⅜ Actual Size.)

With 3¼-Inch Shade-Holder Attached.

Zagaheg	103676	Key, ⅛ Inch Cap.....	100	.47
Zagaheh	103677	Key, ⅜ Inch Cap.....	100	.53
Zagehek	103678	Key, Pendant Cap....	100	.47
Zagahel	103679	Keyless, ⅛ Inch Cap..	100	.44
Zagahem	103680	Keyless, ⅜ Inch Cap..	100	.50
Zagahen	103681	Keyless, Pendant Cap.	100	.44

No. 103664.
(⅜ Actual Size.)

Sockets with Male Threads.

Zagahep	103682	Key, ⅛ Inch Cap.....	250	.39
Zagaher	103683	Keyless, ⅜ Inch Cap..	250	.36

HUBBELL SPECIALTIES.

SOCKET PULL CHAIN.

No. 5382.—Links Full Size.

Socket chains are made expressly for us, and are carefully tested, polished and lacquered.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zaboxaw	11233	5382	Chain, per foot	165 ft.	$0.10
Zaboxax	11234	5399	Heavy Chain, per foot	83 ft.	.31
Zaboxay	11235	5535	Candelabra Chain, per foot	83 ft.	.10

ACORNS.

Zaboxaz	11236	5383	Not attached, each	100	.06

SPECIAL FINISHES.

Pull Sockets, Candelabra Sockets, Ceiling Pull Sockets, Wall and Pendant Switches.

Brush brass, old brass, polished or rich gilt, wrought iron, and Bauer barff, add to list ..... .03

Oxidized copper and polished nickel ..... .06

Old English bronze, oxidized brass, etruscan gilt, mottled copper, polished bronze, polished steel, lemon brass, burnished gilt, antique brass, English bronze, gold bronze, antique copper, polished copper, acid bronze, ormolù gilt, add to list .... .10

Oxidized silver, Butler's silver, Pompeiian bronze, polished silver, satin gold, Roman gold, gun metal, sand blast, antique brass, sand blast old brass, add to list .... .15

Pull sockets with shade holders attached, add to list price of same finish on standard pull sockets ..... .02

Special finishes on extra chain, also chain not attached to socket, add to list, per foot ..... .02

Special finishes on separate acorns, add to list ..... .02

HUBBELL PULL SOCKETS.

No. 41446.
(⅜ Actual Size.)

HUBBELL WALL PULL SOCKETS.

National Electrical Code Standard.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Pr' Each.
Zagadof	41446	35006	.....	100	$0.70

Standard Length of Chain on Each Socket 8 Inches.

Sockets furnished with chains over 8 inches in length, add to list, per foot..... .10

No. 41447.
(⅜ Actual Size.)

With Concealed Base, Brass Covered.

Zagadog	41447	35028	.....	100	.75

Standard Length of Chain on Each Socket 8 Inches.

Sockets furnished with chains over 8 inches in length, add to list, per foot..... .10

No. 41448.
(⅜ Actual Size.)

ROSETTE PULL SOCKET.

Zagadoh	41448	35009	Concealed	20	1.10
Zabeheg	49806	35010	Cleat	20	1.10
Zabeheh	49807	35011	Square Moulding....	20	1.10
Zabehek	49808	35018	Combination	20	1.10
Zabehen	49811	35031	3-Wire Moulding....	20	1.10

Standard Length of Chain on Each Socket 8 Inches.

Sockets furnished with chains over 8 inches in length, add to list, per foot..... .10

No. 34834.
(⅜ Actual Size.)

ANGLE WALL PULL SOCKET.

Zafaxak	34834	35021	.....	50	.70

Standard Length of Chain on Each Socket 8 Inches.

Sockets furnished with chains over 8 inches in length, add to list, per foot..... .10

HUBBELL PULL SOCKETS.

CEILING PULL SOCKET.

No. 8631.
(⅜ Actual Size.)

National Electrical Code Standard.

Designed primarily for Tungsten and other high efficiency lamps, Hubbell Ceiling Sockets realize every mechanical and electrical requirement.

The wide base fits flush against the ceiling, resists vibration and preserves vitality of lamps.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Pr. Each.
Zaculiv	8631	35032	Solid Base.	50	$1.00
Zafuzo	40811	35034	Insulated Base	50	1.00

Standard Length of Chain on Each Socket 18 Inches.

Sockets furnished with chains over 18 inches in length, add to list, per foot .10

No. 40811.
(⅜ Actual Size.)

KEYLESS CEILING SOCKET.

No. 40812.
(⅜ Actual Size.)

National Electrical Code Standard.

Easy to wire and install, these Keyless Ceiling Sockets will be found most desirable for use in stores, offices, assembly halls, etc., where lights are operated by means of a switch.

Zafuzod	40812	35035	Solid Base..	100	.60
Zafuzoc	40813	35036	Insulated Base	100	.60

Special finishes—Brush Brass, Old Brass, Polished or Rich Gilt, Wrought Iron, and Bauer Barff, add to list..... .02

Polished Nickel, Statuary Bronze, and all other brass and copper finishes excepting Sand Blast, add to list... .04

No. 40813.
(⅜ Actual Size.)

No. 8632.
(⅜ Actual Size.)

With Lamp Base Attachment.

National Electrical Code Standard.

Pull Socket with Lamp Base Attachment can be attached to an ordinary Key Socket or Receptacle.

Zaculiw	8632	35024	.....	50	.70

Standard Length of Chain on Each Socket 8 Inches.

Sockets furnished with chains over 8 inches in length, add to list, per foot..... .10

HUBBELL PULL SWITCHES.

No. 49819.
(⅜ Actual Size.)

PULL SWITCH.

The Pull Switch is a handy device for a variety of purposes, as it can be placed at any height and be easily operated by means of the chain, which may be of any desired length.

The same mechanical features employed in Hubbell Sockets are embodied in this Switch.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price. Each.
Zabehez	49819	5027	3 Amperes	50	$0.60

Standard Length of Chain on each Switch 8 Inches.

Switch furnished with chain over 8 inches in length, add to list, per foot..... .10

PENDANT PULL SWITCH.

National Electrical Code Standard.

A Pendant Switch possessing the excellent mechanical features of the Hubbell Pull Socket, in modified form.

Operated by simply pulling the neat little hanging chain.

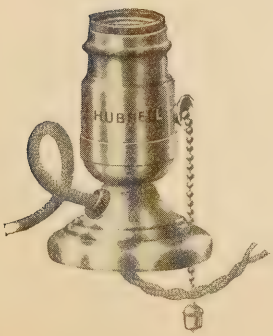
No. 49820.
(⅜ Actual Size.)

Zabehi	49820	5610	3 Amperes, ⅛ in. Bushing.	50	.60
Zabehan	49793	5631	3 Amperes, ⅜ in. Bushing.	50	.60

Standard Length of Chain on each Switch 8 Inches.

Switch furnished with chain over 8 inches in length, add to list, per foot..... .10

INCANDESCENT LIGHT ATTACHMENT FOR OIL LAMPS.



No. 49189.
(⅜ Actual Size.)

This is a handsome and inexpensive device for attaching to an oil lamp, to give it the practical advantage of an electric lamp.

The base of the Socket is easily and quickly fitted to any lamp with a common burner, either flat wick or central draft.

It does not injure the lamp in any way, and requires no tools to attach.

When sold, complete, it is fitted with 7 feet of silk parallel lamp cord and Hubbell Plug.

Zadeluz	49189	5403	With Plug and 7 ft. Silk Cord	20	2.00
Zadema	49190	5529	Without Plug and Cord	20	1.50

HUBBELL ATTACHMENT PLUGS.

Edison Base.

3 AMPERES, 250 VOLTS. 6 AMPERES, 125 VOLTS.

No. 49880.
(⅜ Full Size.)

ALL PORCELAIN, FUSELESS.

National Electrical Code Standard.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zabekal	49881	5406	Porcelain Cap	100	$0.30
Zabekak	49880	5408	Composition Cap	100	.35
Zabekam	49882	5410	Brass Covered Cap.....	100	.40
Zabekan	49883	5607	Base, only	100	.15

For Fusible Cap add $0.05 to List Price.

No. 11202.
(⅜ Full Size.)

COMPOSITION ATTACHMENT PLUG.

Zabowuh	11202	5467	.....	100	.50
Zabekap	49884	5468	Brass Covered Cap.....	100	.60
Zabekar	49885	5612	Base, only	100	.30

For Fusible Cap add $0.05 to List Price.

No. 49886.
(⅜ Full Size.)

POLARITY ATTACHMENT PLUG.

All Porcelain, Fuseless.

Contacts set at right angles to insure against reversal of polarity.

Zabekas	49886	5598	.....	50	.65

No. 17843.
(⅜ Full Size.)

FOR RE-ENFORCED LAMP CORD.

Zaceked	17843	5491	Porcelain	50	.60
Zaceker	17844	5493	Composition	50	.75

For Fusible Cap add $0.05 to List Price.

HUBBELL SPECIALTIES.

National Electrical Code Standard.

No. 24852.
(⅜ Actual Size.)

FLUSH RECEPTACLE WITH ROUND PLATE.

10 Amperes, 250 Volts.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zacodi	24852	5506	2¾ in. Plate with No. 5419 Cap	50	$1.00
Zacodib	24853	5507	2¾ in. Plate with No. 5420 Cap	50	1.05
Zadodic	24854	5508	2¾ in. Plate with No. 5421 Cap	50	1.10
Zacodim	24860	5561	3¼ in. Plate with No. 5419 Cap	50	1.10
Zacodin	24861	5562	3¼ in. Plate with No. 5420 Cap	50	1.15
Zacodip	24862	5563	3¼ in. Plate with No. 5421 Cap	50	1.20
Zadimun	23483	5614	Receptacle, only	50	.35
Zadimuw	23484	5615	2¾ in. Plate, only	50	.50
Zadimux	23485	5616	3¼ in. Plate, only	50	.60

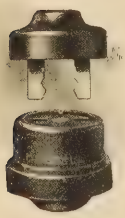
No. 43815.
(⅜ Actual Size.)

FLOOR PLUG.

10 Amperes, 250 Volts.

This floor plug is designed for use with waterproof flush floor boxes.

Zabehet	49815	5469	Porcelain Cap	50	.60
Zabekax	49890	5470	Composition Cap	50	.65
Zaberaz	49891	5471	Brass Covered Cap	50	.70
Zabeke	49892	5624	Base, only	50	.45



No. 17846.
(⅜ Actual Size.)

COMPOSITION EXTENSION CORD CONNECTOR.

3 Amperes, 250 Volts. 6 Amperes, 125 Volts.

This connector is for use on an extension cord. A most practical device for applying current to any device in any desired place. The interchangeable cap is a feature that cannot be had with other styles.

Zaceret	17846	5518	Connector	50	.60
Zacerey	17847	5519	Connector, Brass Covered Cap	50	.70

No. 23279.
⅜ Actual Size.)

WEATHERPROOF PLUG.

3 Amperes, 250 Volts. 6 Amperes, 125 Volts.

For outdoor work, especially for electric signs. The interchangeable cap feature, and the quickness with which it can be disconnected and changed, are strong points of value.

Zadowaz	23279	5520	Porcelain Cap	30	.70
Zadowe	23280	5521	Composition Cap	30	.75
Zadoweb	23281	5522	Brass Covered Cap	30	.80

HUBBELL WALL RECEPTACLES.

No. 40128.
(⅜ Actual Size.)

CONCEALED BASE.

All Porcelain, Fuseless. 10 Amperes, 250 Volts.

Code Word.	List No.	Mfr. No.		Std. Pkg.	Price Each.
Zagamiw	40128	5426	Porcelain Cap.....	50	$0.40
Zagamim	40129	5427	Composition Cap.....	50	.45
Zagamin	40130	5428	Brass Covered Cap...	50	.50
Zabinot	20785	5617	Base, only	50	.25

CLEAT BASE.

Zagamip	40131	5512	Porcelain Cap.....	50	.40
Zagamir	40132	5513	Composition Cap.....	50	.45
Zagamis	40133	5514	Brass Covered Cap...	50	.50
Zabinov	20786	5618	Base, only	50	.25

No. 20791.
(⅜ Actual Size.)

MOULDING BASE.

Zabinow	20787	5540	Porcelain Cap.....	50	.40
Zabinox	20788	5541	Composition Cap.....	50	.45
Zabinoy	20789	5542	Brass Covered Cap...	50	.50
Zabinoz	20790	5619	Base, only	50	.25

FIELDING BASE.

Zabinu	20791	5560	Porcelain Cap.....	50	.50
Zabinub	20792	5584	Composition Cap.....	50	.55
Zabinuc	20793	5585	Brass Covered Cap...	50	.60
Zabinud	20794	5620	Base, only	50	.35

For Fusible Caps add $0.05 to List Price.

No. 23292.
(⅜ Actual Size.)

POLARITY WALL RECEPTACLE.

All Porcelain, Fuseless. 20 Amperes. 250 Volts.

With this Receptacle it is impossible to reverse the polarity. Designed for the heavier types of heating apparatus—motors and devices requiring current of 20 amperes.

The Cap is steel covered and withstands hard usage better than any other type.

Especially capable for use on electrically driven machine tools and experimental apparatus.

Zadower	23292	5557	Concealed Type.....	25	1.00
Zadowes	23293	5558	Cleat Type	25	1.00
Zadowet	23294	5559	Moulding Type	25	1.00
Zadowey	23295	5553	Cap, only	25	.50
Zadowew	23296	5621	Base only, Concealed.	25	.50
Zagamit	43233	5622	Base only. Cleat.....	25	.50
Zagamiv	43234	5623	Base only, Moulding..	25	.50

No. 20795.
(⅜ Actual Size.)

ANGLE RECEPTACLE.

All Porcelain, Fuseless. 10 Amperes, 250 Volts.

Designed for show case and window lighting. The easy manner in which a lamp can be inserted and the cap connected or disconnected is a feature of merit and economy.

Zadowex	23297	5515	Without Base	20	.40
Zadowey	23298	5516	Concealed Base	20	.65
Zabinuf	20795	5517	Cleat Base	20	.65
Zabinug	20796	5577	Moulding Base	20	.65
Zabinuh	20797	5613	Fielding Base	20	.70

HUBBELL CHANDELIER PLUGS.

No. 24846.
(¼ Actual Size.)

3 AMPERES, 250 VOLTS. 6 AMPERES, 125 VOLTS.

WITHOUT CASING.

For use in a ball or sphere at the bottom of a chandelier or cluster.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zacodet	24846	5323	Porcelain Cap	20	$0.45
Zacodev	24847	5324	Composition Cap	20	.50
Zacodew	24848	5422	Brass Covered Cap.....	20	.55

For Fusible Cap add $0.05 to List Price.

No. 23284.
(⅜ Actual Size.)

WITH BRASS CASING.

Zadowec	23282	5325	Porcelain Cap	20	.70
Zadowed	23283	5326	Composition Cap	20	.75
Zadowef	23284	5423	Brass Covered Cap.....	20	.80

For Fusible Cap add $0.05 to List Price.

WITH ⅛-INCH NIPPLE.

Zadoweg	23285	5495	Porcelain Cap	20	.80
Zadoweh	23286	5496	Composition Cap	20	.85
Zadowek	23287	5497	Brass Covered Cap.....	20	.90

For Fusible Cap add $0.05 to List Price.

No. 23287.
(⅜ Actual Size.)

HUBBELL INDICATING HEATER RECEPTACLE.

20 AMPERES, 250 VOLTS.

Designed for use where it is important to determine whether the current is on or off before inserting the cap.

The plate to the plug is so made that it will take any standard flush switch or new code receptacle.

The illustration shows the article complete, but when sold it is fitted only with special plate and polarity plug.

Zadowel	23288	5588	Supporting screw holes to fit Perkins, Arrow E. Hart & Hegeman Switches and New Code Receptacles	10	4.25
Zadowem	23289	5627	Supporting screw holes to fit Perkins, Arrow E. Hart & Hegeman Switches and Federal Receptacles	10	4.25
Zadowen	23290	5628	Supporting screw holes to fit Diamond H Switches and New Code Receptacles	10	4.25
Zadowep	23291	5629	Supporting screw holes to fit Diamond H Switches and Federal Receptacles	10	4.25

No. 23288.
(¼ Actual Size.)

Price covers No. 5551 Receptacle complete with cap and a 4½ inch by 8 3/16 inch plate. We do not furnish switch nor lamp receptacle. Polished brass, old brass, polished nickel, polished bronze and oxidized copper are standard finishes for plates. Wrought iron standard finish for cap. All other finishes for plates, add to list $0.40. All other finishes for caps, add to list $0.05.

HUBBELL FLUSH RECEPTACLES.

National Electrical Code Standard.

No. 11228.
(⅜ Actual Size.)

WITHOUT COVER.

10 Amperes, 250 Volts.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zaboxal	11225	5415	Without cap.....	50	$1.25
Zaboxam	11226	5416	With No. 5419 cap	50	1.40
Zaboxan	11227	5417	With No. 5420 cap	50	1.45
Zaboxap	11228	5418	With No. 5421 cap	50	1.50
Zutoh	46468	5547	Receptacle, only...	50	.60
Zutok	46469	5548	Single plate, 4½x 2¾ in.	50	.65
Zutol	46470	5549	2-Gang plate, 4½x 4 9/16 in.....	25	1.30
Zutom	46471	5550	3-Gang plate, 4½x 6⅜ in.	20	1.95
Zuton	46472	5599	4-Gang plate, 4½x 8 3/16 in.....	15	2.60

For Fusible Cap add $0.05 to List Price.

WITH COVER.

10 Amperes, 250 Volts.

Zacodif	24856	5498	Without cap.....	50	1.75
Zacodig	24857	5499	With No. 5419 cap	50	1.90
Zacodih	24858	5500	With No. 5420 cap	50	1.95
Zacodik	24859	5501	With No. 5421 cap	50	2.00
Zutop	46473	5579	Receptacle, only...	50	.60
Zutoq	46474	5580	Single plate, 4½x 2¾ in.	50	1.15
Zutor	46475	5581	2-Gang plate, 4½x 4 9/16 in.....	25	2.30
Zutos	47476	5582	3-Gang plate, 4½x 6⅜ in.	20	3.45
Zutot	47477	5600	4-Gang plate, 4½x 8 3/16 in.....	15	4.60

For Fusible Cap add $0.05 to List Price.

Polished brass will be furnished on all orders, unless otherwise specified.

No. 24859.
(⅜ Actual Size.)

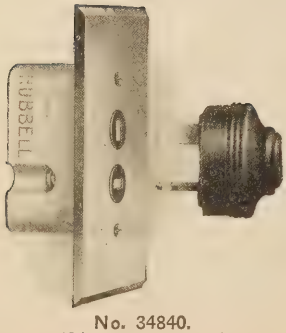
POLARITY FLUSH RECEPTACLE.

10 Amperes, 250 Volts.

Zafaxas	34840	5565	With cap and 4½x 2¾ plate	50	1.75
Zafaxat	34841	5566	Receptacle, only...	50	.60
Zafaxav	34842	5567	Cap, only	50	.50
Zafaxaw	34843	5568	Single plate, 4½x 2¾ in.	50	.65
Zafaxax	34844	5569	2-Gang plate, 4½x 4 9/16 in.....	25	1.30
Zafaxay	34845	5570	3-Gang plate, 4½x 6⅜ in.	20	1.95
Zutov	47478	5587	4-Gang plate, 4½x 8 3/16 in.....	15	2.60

20 Amperes, 250 Volts.

Zaboxar	11229	5551	With cap and 4½x 2¾ plate	25	2.00
Zaboxas	11230	5552	Receptacle, only...	25	.75
Zaboxat	11231	5553	Cap, only	25	.50
Zaboxav	11232	5554	Single plate, 4½x 2¾ in.	25	.75
Zacodil	42819	5555	2-Gang plate, 4½x 4 9/16 in.....	25	1.50
Zagahih	42820	5556	3-Gang plate, 4½x 6⅜ in.	25	2.25
Zutow	47479	5586	4-Gang plate, 4½x 8 3/16 in.....	25	3.00

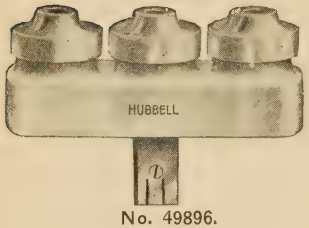


No. 34840.
(⅜ Actual Size.)

Polished brass plates and wrought iron caps will be furnished on all orders, unless otherwise specified.

Polished brass, old brass, polished nickel, polished bronze and oxidized copper are standard finishes for flush plates. All other finishes for plates, extra. Single, 2, 3 and 4-gang plates can be assorted to make a standard package of 50; i. e., a 4-gang plate counts as one plate, not four.

HUBBELL SPECIALTIES.

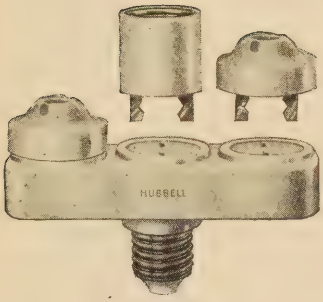


No. 49896.

MULTIPLE ATTACHMENT PLUGS.

Three Plugs.

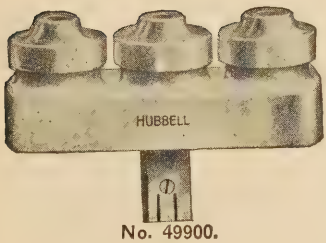
Code Word.	List No.	Mfr. No.		Std. Pkg.	List Pr. Each.
Zabekeg	49896	5327	Edison Base....	10	$1.50
Zabekeh	49897	5328	T. H. Base.....	10	1.50



No. 49898.

Two Plugs and One Lamp.

Zabekek	49898	5331	Edison Base....	10	1.50
Zabekel	49899	5332	T. H. Base.....	10	1.50



No. 49900.

FOR CHAPMAN RECEPTACLE.

Three Plugs.

Zabekem	49900	5335	.....	10	1.50

No. 23479.

HUBBELL CURRENT TAP.

Zadimup	23479	5454	Edison Base, multiple.....	50	.50
Zadimur	23480	5509	T. H. Base, multiple.....	50	.50
Zadimus	23481	5510	Edison Base, series.....	50	.50
Zadimut	23482	5511	T. H. Base, series.....	50	.50

HUBBELL SPECIALTIES.

RECEPTACLE FOR ATTACHMENT PLUG.

No. 23486.
(⅜ Actual Size.)

This device was originally designed for the Hubbell Multiple Plug, made for two plugs and one lamp, but it can be used in connection with all Hubbell plugs.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zadimuy	23486	5424	.....	30	$0.17

RUBBER CASING FOR ATTACHMENT PLUGS.

No. 39882.
(⅜ Actual Size.)

This casing is designed to protect the porcelain cap of No. 5406 Separable Attachment Plug. It is made of soft rubber, and is easily and quickly sprung in place.

Zacodid	39882	5583	Rubber Casing	30	.30
Zutoy	46480	5589	Rubber Ring	30	.05

SEPARATE CAPS FOR PLUGS.—FUSELESS.

No. 11222.
(½ Actual Size.)

No. 11223.
½ Actual Size.

Plug caps are interchangeable with the entire line of 10-ampere Hubbell plugs and receptacles. Cap No. 5553 is interchangeable only with 20-ampere Hubbell polarity flush and wall receptacles.

Zaboxag	11222	5419	Porcelain Cap...	50	.15
Zaboxah	11223	5420	Composition Cap	50	.20
Zaboxak	11224	5421	Brass Covered, porcelain	50	.25
Zadimuz	23867	5523	Brass Covered, composition ..	50	.30
Zacodib	39880	5567	10-Ampere Polarity Cap....	50	.50
Zacodic	39881	5553	20-Ampere Polarity Cap....	25	.50

No. 11224.
(½ Actual Size.)

No. 39880.
½ Actual Size.

Standard finish for Nos. 5421-5523 polished brass.

Standard finish for Nos. 5567-5553 wrought iron.

FUSIBLE CAP FOR ATTACHMENT PLUGS.

No. 39879.
(½ Actual Size.)

This Hubbell cap is a trifle deeper than the regular Hubbell cap. It is made in the fusible type and designed to convert Hubbell fuseless plugs into fusible. Furnished in porcelain only.

Zacodi	39879	5524	.....	30	.20

All plugs fitted with fusible caps, add to list $0.05.

PERKINS SNAP SWITCHES.

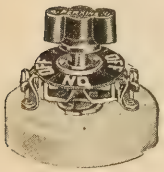
No. 2000.
(⅜ Full Size.)

5 AMPERE, SINGLE POLE.

Code Word.	List No.		Std Pkg.	List Price, Each.
Zadayuh	2000	Slotted	250	$0.28
Zadayuk	2220	Solid	250	.28
Zadayul	2047	Slotted, indicating	250	.32
Zadayum	2035	Solid, indicating	250	.32

10 AMPERE, SINGLE POLE.

Zadayun	2001	Slotted	100	.40
Zadayup	2221	Solid	100	.40
Zadayur	2048	Slotted, indicating	30	.45
Zadayus	2036	Solid, indicating	30	.45



No. 2036.
(⅜ Full Size.)

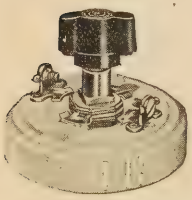
5 AMPERE, THREE-POINT.

Zadayut	2175	Solid	100	.56
Zadayuv	2027	Slotted	100	.56

10 AMPERE, THREE-POINT.

Zadayuw	2176	Solid	50	.66
Zadayux	2030	Slotted	50	.66

Lock attachment cannot be attached to any of the above switches.



No. 2173.
(⅜ Full Size.)

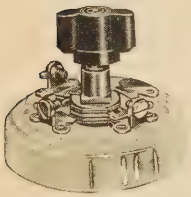
NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

5 AMPERE, SINGLE POLE.

Zadayuy	2170	Solid	100	.36
Zadayuz	2002	Slotted	100	.36
Zadaza	2254	Solid, indicating	100	.40
Zadazab	2255	Slotted, indicating	100	.40

10 AMPERE, SINGLE POLE.

Zadazac	2173	Solid	100	.48
Zadazad	2005	Slotted	100	.48
Zadazaf	2234	Solid, indicating	100	.54
Zadazag	2233	Slotted, indicating	100	.54



No. 2177.
(⅜ Full Size.)

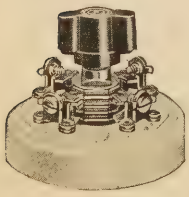
5 AMPERE, THREE-POINT.

Zadazah	2321	Solid	100	.56
Zadazak	2322	Slotted	100	.56

10 AMPERE, THREE-POINT.

Zadazan	2177	Solid	50	.66
Zadazap	2031	Slotted	50	.66

Three-point Switches are used where current is to be controlled from either of two points.



No. 2183.
(⅜ Full Size.)

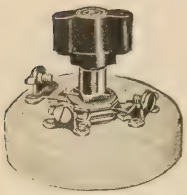
10 AMPERE, FOUR POINT.

Zadazar	2183	Solid	30	.86
Zadazas	2033	Slotted	30	.86

Four-point Switches are used in connection with two three-point Switches where current is to be controlled from any one of more than two points. A four-point Switch is installed between the three-point Switches at each additional point.

The above Switches can be converted into Lock Switches by removing the handle and substituting No. 2384, listed elsewhere.

PERKINS SNAP SWITCHES.



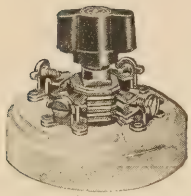
No. 2216.
(⅜ Full Size.)

NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

10 AMPERE ELECTROLIER, 2 CIRCUIT.

Code Word.	List No.		Std Pkg.	List Price, Each.
Zadazat	2216	Solid	30	$0.76
Zadazav	2215	Slotted	30	.76
Zadazaw	2188	Solid, indicating	50	.86
Zadazax	2074	Slotted, indicating	30	.86

The above Switches operate as follows:
First turn connects Circuit One.
Second turn connects Circuit Two.
Third turn connects Circuits One and Two.
Fourth turn, Off.

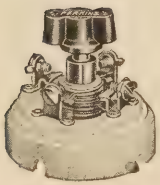


No. 2185.
(⅜ Full Size.)

10 AMPERE ELECTROLIER, 3 CIRCUIT.

Zadazay	2185	Solid	30	.76
Zadazaz	2070	Slotted	30	.76
Zadaze	2187	Solid, indicating	30	.86
Zadazeb	2072	Slotted, indicating	30	.86

The above Switches operate as follows:
First turn connects Circuit One.
Second turn connects Circuits One and Two.
Third turn connects Circuits One, Two and Three.
Fourth turn, Off.



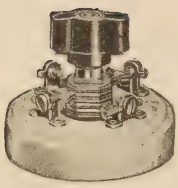
No. 2391.
(⅜ Full Size.)

5 AMPERE, DOUBLE POLE.

Zadazec	2391	Solid	100	.56
Zadazed	2392	Slotted	100	.56
Zadazef	2393	Solid, indicating	100	.64
Zadazeg	2394	Slotted, indicating	100	.64

10 AMPERE, DOUBLE POLE.

Zadazeh	2009	Solid	100	.66
Zadazek	2017	Slotted	100	.66
Zadazel	2038	Solid, indicating	100	.76
Zadazem	2050	Slotted, indicating	100	.76

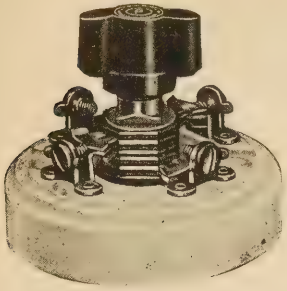


No. 2009.
(⅜ Full Size.)

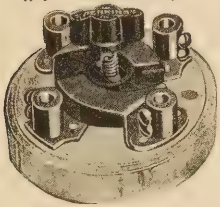
20 AMPERE, DOUBLE POLE.

Zadazen	2011	Solid	30	1.20
Zadazep	2019	Slotted	30	1.20
Zadacer	2040	Solid, indicating	30	1.30
Zadazes	2052	Slotted, indicating	30	1.30

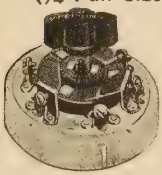
The above Switches can be converted into Lock Switches by removing the handle and substituting No. 2384 Universal Lock Attachment, listed elsewhere.



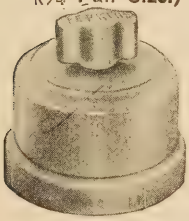
No. 2013.
(¼ Full Size.)



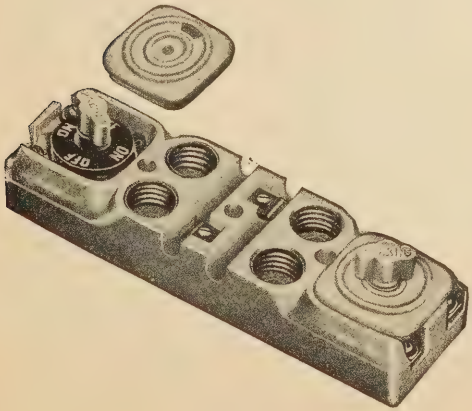
No. 2015.
(¼ Full Size.)



No. 2025.
(¼ Full Size.)



No. 2141.
(⅜ Full Size.)



No. 2300.

PERKINS SNAP SWITCHES.

NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

30 Amperes, Double Throw.

Code Word.	List No.		Std. Pkg.	List Price Each.
Zadazet	2013	Solid	30	$1.50
Zadozev	2021	Slotted	30	1.50
Zadazew	2042	Solid, Indicating	30	1.60
Zadazex	2054	Slotted, Indicating	30	1.60

50 Amperes, Double Pole.

Zadazey	2015	Solid	10	3.00
Zadazez	2023	Slotted	10	3.00
Zadazi	2044	Solid, Indicating	10	3.10
Zadazib	2056	Slotted, Indicating	10	3.10

15 Amperes, Triple Pole.

Zadazic	2025	Solid	10	2.00
Zadazid	2046	Solid, Indicating	10	2.10

The above Switches cannot be furnished on slotted bases.

ALL PORCELAIN SWITCHES.

Zadazif	2141	10 Ampere, Single Pole	30	.64
Zadazig	2140	10 Ampere, Three Point	10	.82
Zadazih	2142	10 Ampere, Four Point	10	.82
Zadazik	2264	10 Ampere, Electrolier, 2-Circuit	10	.82
Zadazil	2263	10 Ampere, Electrolier, 3-Circuit	10	.82
Zadazim	2139	10 Ampere, Double Pole	10	.82

The above Switches cannot be furnished on slotted bases.

Zadazin	2076	10 Ampere, Double Pole, Fusible, Indicating	10	1.60

This Switch cannot be furnished on solid base.

PERKINS PANEL SWITCHES.

With Connections for Plug Fuses.

Zadazip	2400	Double Pole, Single Branch; dimensions, 5⅞ x 3	10	1.60
Zadazir	2300	Double Pole, Double Branch; dimensions, 9½ x 3	10	2.25
Zadazis	2360	Triple to Double Branch; dimensions, 10¾ x3	10	3.00

Each Branch is fitted with a 10 Ampere Double Pole Indicating Snap Switch.

PERKINS SNAP SWITCHES.

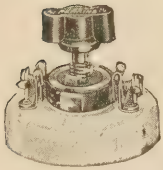
No. 2171.
(⅜ Full Size.)

600 VOLTS.

3 AMPERE, SINGLE POLE.

Code Word.	List No.		Std. Pkg.	List Price, Each.
Zadeliy	2171	Solid	50	$0.54
Zadeliz	2003	Slotted	50	.54
Zadelo	2226	Solid, indicating	50	.60
Zadelob	2225	Slotted, indicating	50	.60

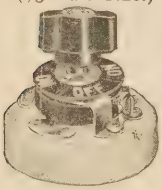
Lock attachments cannot be attached to the above switches.



No. 2238.
(⅜ Full Size.)

3 AMPERE, SINGLE POLE.

Zadeloc	2238	Solid	50	.54
Zadelod	2237	Slotted	50	.54
Zadelof	2058	Solid, indicating	50	.60
Zadelog	2064	Slotted, indicating	50	.60

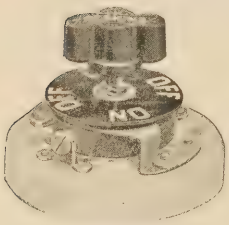


No. 2049.
(⅜ Full Size.)

5 AMPERE, SINGLE POLE.

Quadruple Break.

Zadeloh	2211	Solid	50	.66
Zadelok	2212	Slotted	50	.66
Zadelol	2049	Solid, indicating	50	.76
Zadelom	2103	Slotted, indicating	50	.76

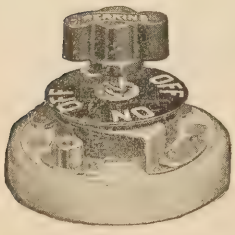


No. 2060.
(⅜ Full Size.)

10 AMPERE, SINGLE POLE.

Quadruple Break.

Zadelon	2227	Solid	50	1.40
Zadelop	2228	Slotted	50	1.40
Zadelor	2060	Solid, indicating	50	1.50
Zadelos	2066	Slotted, indicating	50	1.50



No. 2303.
(¼ Full Size.)

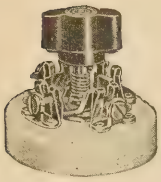
20 AMPERE, SINGLE POLE.

Quadruple Break.

Zadelot	2301	Solid	50	3.00
Zadelov	2302	Slotted	50	3.00
Zadelow	2303	Solid, indicating	50	3.10
Zadelox	2304	Slotted, indicating	50	3.10

The above Switches can be converted into Lock Switches (except where noted), by removing the handle and substituting No. 2384 Universal Lock Attachment, listed elsewhere.

PERKINS SNAP SWITCHES.



No. 2232.
(⅜ Full Size.)

600 VOLTS.

3 AMPERE, THREE POINT.

Code Word.	List No.		Std. Pkg.	List Price Each.
Zadazit	2232	Solid	50	$0.70
Zadaziv	2231	Slotted	50	.70

Lock Attachments cannot be attached to above Switches.

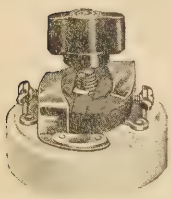
No. 2179.
(⅜ Full Size.)

3 AMPERE, THREE POINT.

Zadaziw	2242	Solid	50	.70
Zadazix	2241	Slotted	50	.70

5 AMPERE, THREE POINT.

Zadaziy	2179	Solid	50	.90
Zadaziz	2100	Slotted	50	.90
Zafozuh	2413*	Indicating Solid	50	1.00
Zafozuk	2414*	Indicating Slotted	50	1.00



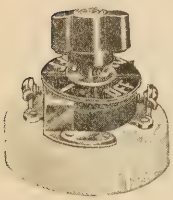
No. 2181.
(⅜ Full Size.)

10 AMPERE, THREE POINT.

Zafozul	2397	Solid	50	1.40
Zafozum	2398	Slotted	50	1.40
Zafozun	2415*	Indicating Solid	50	1.50
Zafozup	2416*	Indicating Slotted	50	1.50

*These Switches indicate "On" and "Off."

In these Switches the commutator makes a half revolution at each operation, providing an exceptionally long and safe break.



No. 2062.
(⅜ Full Size.)

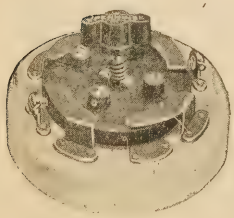
3 AMPERE, TWO CIRCUIT.

Zadazo	2181	Solid	50	.66
Zadazob	2028	Slotted	50	.66
Zadazoc	2062	Solid, Indicating	50	.76
Zadazod	2068	Slotted, Indicating	50	.76

10 AMPERE, TWO CIRCUIT.

Zafozur	2409	Solid	50	1.40
Zafozus	2410	Slotted	50	1.40
Zafozut	2411	Indicating Solid	50	1.50
Zafozuv	2412	Indicating Slotted	50	1.50

These Switches will break the circuit without the use of an additional Switch, and are especially adapted for use on street cars as Headlight Switches, and to control the interior lights, as shown in the diagrams.



No. 2079.
(⅜ Full Size.)

15 AMPERE, HEAT REGULATING.

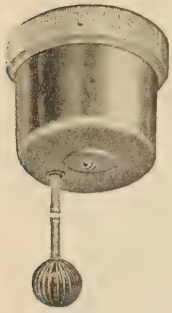
Zadazof	2079	Solid, Indicating, 3-Heat..	10	3.10
Zadazog	2081	Solid, Indicating, 2-Heat..	10	3.10

These Switches are used for the regulation of heat by different combinations of the heaters.

These Switches cannot be furnished on slotted bases.

The above Switches, except where noted, can be converted into Lock Switches by removing the handle and substituting No. 2384 Universal Lock Attachment, listed elsewhere.

PERKINS SWITCHES.



No. 2387.
(⅜ Full Size.)

CEILING OR PULL SWITCH.

National Electrical Code Standard. 250 Volts.

Code Word.	List No.		Std. Pkg	List Price Each.
Zadehum	2387	Single Pole, concealed.....	..	1.00
Zadehun	2309	Single Pole, slotted.....	..	1.00
Zadehup	2388	Three Point, concealed.....	..	1.18
Zadehur	2310	Three Point, slotted.....	..	1.18
Zadehus	2389	Four Point, concealed.....	..	1.18
Zadehut	2311	Four Point, slotted.....	..	1.18
Zadehuv	2390	Electrolier, 2-Circuit, concealed	..	1.18
Zadehuw	2312	Electrolier, 2-Circuit, slotted	..	1.18
Zadehux	2395	Electrolier, 3-Circuit, concealed	..	1.18
Zadehuy	2313	Electrolier, 3-Circuit, slotted	..	1.18
Zadehuz	2396	Double Pole, concealed.....	..	1.18
Zadeka	2314	Double Pole, slotted.....	..	1.18

Each Switch supplied with 6 feet of best quality braided linen cord.

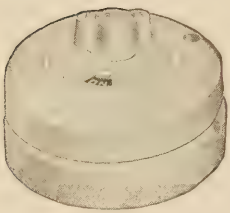
No. 2265.
(⅜ Full Size.)

PORCELAIN CAP SWITCHES.

600 Volts.

Zadehoy	2265	3 Ampere, Single Pole..... (Same movement as No. 2171.)	..	$0.72
Zadehoz	2266	3 Ampere, Single Pole..... (Same movement as No. 2238.)	..	.72
Zadehu	2267	5 Ampere, Single Pole..... (Same movement as No. 2211.)	..	.82
Zadehub	2268	3 Ampere, Three Point..... (Same movement as No. 2232.)	..	.82
Zadehuc	2269	3 Ampere, Three Point..... (Same movement as No. 2242.)	..	.82
Zadehud	2272	5 Ampere, Three Point..... (Same movement as No. 2179.)	..	.90
Zadehuf	2273	3 Ampere, Two Circuit..... (Same movement as No. 2181.)	..	.82

The above Switches cannot be furnished on solid bases.



No. 2077.
(⅜ Full Size.)

PORCELAIN CAP, FUSIBLE SWITCHES.

600 Volts.

Zadehug	2077	3 Amp., S. P., indicating...	10	1.60
Zadehuh	2277	3 Amp., S. P., indicating, Brown Porcelain	10	1.60

These are quadruple break Switches.

Zadehuk	2078	3 Amp., 2-Circuit	10	1.60
Zadehul	2278	3 Amp., 2-Circuit, Brown Porcelain	10	1.60

No. 2315.
(¼ Full Size.)

PERKINS 600 VOLT SWITCH.

With Connections for Enclosed Fuses.

Zadehes	2315	3 Ampere Single Pole 600-Volt Indicating Fusible Switch, brown porcelain..	25	.90
Zafuba	2404	3 Ampere, 3-Point, Indicating	25	.90
Zafubab	2405	3 Ampere, 2-Circuit, Indicating	25	.90
Zadehet	2316	3 Ampere 600-Volt enclosed fuse for above	100	.30

One fuse is furnished with each Switch unless otherwise specified.

The price of the fuse is not included in list price of Switch.

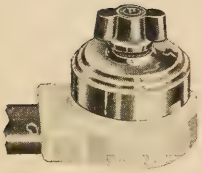
PERKINS SNAP SWITCHES.

For Use with

NATIONAL METAL MOLDING.

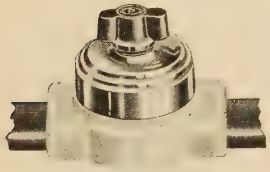
National Electrical Code Standard.

Single Pole, 5 Amperes, 125 Volts. 3 Amperes, 250 Volts.



No. 41700.
(⅜ Full Size.)

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each
Zagahis	41700	2431	One way base..	100	$0.36
Zagahit	41701	2432	Two way base..	100	.36
			Indicating.		
Zagahiv	41702	2433	One way base..	100	.40
Zagahiw	41703	2434	Two way base..	100	.40



No. 41701.
(⅜ Full Size.)

BRYANT JUNIOR PULL SWITCHES.

Single Pole, 3 Amperes, 125 Volts. 1 Ampere, 250 Volts.

Zagahin	371	With ⅛-inch cap	50	.50
Zagahip	372	With porcelain base.....	50	.60
Zagahir	373	With small covered base...	50	.65

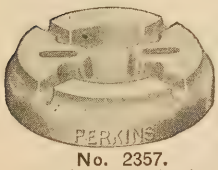
Each switch supplied with 8 inches of chain.

No. 371.
(⅜ Full Size.)

PERKINS SWITCH ACCESSORIES.

PORCELAIN SWITCH BLOCKS, OR SUB-BASES.

National Electrical Code Standard.



No. 2357.
(⅜ Full Size.)

For Wall Sockets, Receptacles and 5 Amp. Switches.

Zadecaz	2381	For cleat work.....	100	.05
Zadece	2382	For concealed work.....	100	.05
Zadeceb	2383	For moulding work.....	100	.05

For 10 Amp. Switches.

Zadecec	2357	For cleat work.....	100	.06
Zadeced	2252	For concealed work.....	100	.06
Zadecef	2222	For moulding work.....	100	.06

No. 2358.
(⅜ Full Size.)

For 20 and 30 Amp. Switches.

Zadeceg	2379	For cleat work.....	25	.15
Zadeceh	2380	For concealed work.....	25	.15
Zadecek	2262	For moulding work.....	25	.15

For Wall Sockets, Receptacles and 5 and 10 Amp. S. P. Switches.

Zadecel	2358	For moulding work at the end of a run of moulding.	100	.06

UNIVERSAL LOCK ATTACHMENT.

Zadecem	2384	.....	100	.16

No. 2384. No. 2126.
(½ Full Size.)

KEYS.

Zadecen	2126	For small rotary lock switches..	.06
Zadecep	2399	For large rotary lock switches..	.06
Zadecer	2299	For push button switches.....	.15

PERKINS PENDENT SWITCHES.

National Electrical Code Standard.

No. 2359.
(½ Full Size.)

SINGLE POLE.

10 Amperes, 125 Volts. 5 Amperes, 250 Volts.

Code Word.	List No.		Std. Pkg.	List Price
Zafubo	2359*	Single Pole, pendent cap.....	100	$0.80
Zafubob	2353	Single Pole, ⅛-in. cap.....	100	.80
Zafuboc	2354	Single Pole, ⅜-in. cap.....	100	.90

The Switches shown below are entirely new and so far as we know are the only ones of the kind on the market. They are operated by successive pushes of a single button and are remarkably lively and positive in action.

THREE POINT.

10 Amperes, 125 Volts. 5 Amperes, 250 Volts.

Zafubod	2417*	3 Point, pendent cap.....	30	1.20

FOUR POINT.

5 Amperes 125 Volts. 2 Amperes 250 Volts.

Zafubof	2418*	4 Point, pendent cap.....	10	1.20

ELECTROLIER.

5 Amperes 125 Volts. 2 Amperes 250 Volts.

Zafubog	2419*	†Electrolier, 2-Circuit pendent cap	10	1.20
Zafuboh	2420*	‡Electrolier, 3-Circuit, pendent cap	10	1.20

No. 2417.
(½ Full Size.)

DOUBLE POLE.

10 Amperes 250 Volts.

Zafubok	2421*	Double Pole, pendent cap.....	10	1.20

FOR FAN MOTORS

and other small motors having rheostatic form of speed control.

Zafubol	2422*	2 Speed, pendent cap.....	10	1.20
Zafubom	2423*	3 Speed, pendent cap.....	10	1.20

SINGLE POLE.

These are the original pendant switches and while in no way equal to the later models listed above, they are nevertheless still very popular, and as manufactured by us, have always been vastly superior to similar switches of other makes, both in finish and in operation.

Zafubon	2370*	5 Amp., Single Pole, pend. cap	100	.50
Zafubop	2250	5 Amp., Single Pole, ⅛-in. cap	100	.50
Zafubor	2270	5 Amp., Single Pole, ⅜-in. cap	100	.60
Zafubos	2369*	10 Amp., Single Pole, pend. cap	100	.80
Zafubot	2251	10 Amp., Single Pole, ⅛-in. cap	100	.80
Zafubov	2271	10 Amp., Single Pole, ⅜-in. cap	100	.90

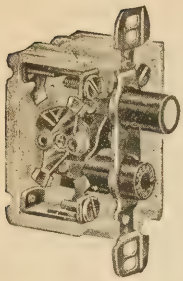
No. 2251.
(½ Full Size.)

*This Switch is for pendent work only. The cap is provided with a double bushing, the inner one having a hole 9/32 inches in diameter, suitable for No. 16 approved lamp cord. This inner bushing can be 13/32 inch hole suitable for No. 16 approved portable cord.

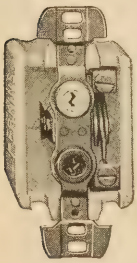
†The operation of this Switch is as follows:
First push connects Circuit One.
Second push disconnects Circuit One and connects Circuit Two.
Third push connects Circuits One and Two.
Fourth push disconnects both Circuits.

‡The operation of this Switch is as follows:
First push connects Circuit One.
Second push connects Circuit One and Two.
Third push connects Circuits One, Two and Three.
Fourth push disconnects all Circuits.

PERKINS FLUSH SWITCHES.



No. 2202.
(⅜ Full Size.)



No. 2295.
(⅜ Full Size.)

No. 2208.
(⅜ Full Size.)

No. 2095.
(⅜ Full Size.)

NATIONAL ELECTRICAL CODE STANDARD. 250 VOLTS.

Push Button Gang Switches.

Code Word.	List No.		Std. Pkg.	List Price Each.
Zadazoh	2201	10 Ampere, Single Pole.....	100	$0.72
Zadazok	2203	10 Ampere, Three-Point	50	1.00
Zadazol	2204	10 Ampere, Four-Point	10	3.25
Zadazom	2202	10 Ampere, Double Pole	50	1.00

Outside supporting screw holes 3 9/32 inches on centres.
Inside supporting screw holes 2 13/16 inches on centres.
Gang Plates for Push Button Switches are ilsted elsewhere.

Push Button Lock Gang Switches.

Zadazon	2295	10 Ampere, Single Pole.....	10	1.22
Zadazop	2296	10 Ampere, Three-Point	10	1.50
Zadazor	2237	10 Ampere, Four-Point	10	3.75
Zadazos	2298	10 Ampere, Double Pole	10	1.50

Rectangular Cup Gang Switches.

Zadazot	2205	5 Ampere, Single Pole.....	100	.62
Zadazov	2206	10 Ampere, Single Pole.....	50	.71
Zadazow	2325	5 Ampere, Three-Point	50	.82
Zadazox	2208	10 Ampere, Three-Point	30	1.05
Zadazoy	2209	10 Ampere, Four-Point	..	1.05
Zadazoz	2224	10 Ampere, Electrolier, 2-Circuit	..	1.05
Zadazu	2210	10 Ampere, Electrolier, 3-Circuit	..	1.05
Zadazum	2207	10 Ampere, Double Pole	50	1.05

With Indicating Dial Appearing Through Hole in Flush Plate.

Zadazub	2340	5 Ampere, Single Pole.....	100	.72
Zadazuc	2341	10 Ampere, Single Pole.....	50	.81
Zadazud	2342	10 Ampere, Electrolier, 2-Circuit	10	1.15
Zadazuf	2343	10 Ampere, Electrolier, 3-Circuit	10	1.15
Zadazug	2344	10 Ampere, Double Pole	50	1.15
Zadazuh	2345	Single Plate for above, 4½x 2¾ inches	100	.53

Outside supporting screw holes 3 9/32 inches on centres.
Inside supporting screw holes 2 13/16 inches on centres.
Gang Plates for Rectangular Cup Switches are listed elsewhere.

Round Cup Gang Switches.

Zadabob	2093	5 Ampere, Single Pole.....	100	.62
Zadeboc	2094	10 Ampere, Single Pole.....	50	.71
Zadebod	2096	5 Ampere, Three-Point	50	.82
Zadebof	2097	10 Ampere, Three-Point	30	1.05
Zadebog	2098	10 Ampere, Four-Point	..	1.05
Zadeboh	2218	10 Ampere, Electrolier, 2-Circuit	..	1.05
Zadebok	2099	10 Ampere, Electrolier, 3-Circuit	..	1.05
Zadebol	2095	10 Ampere, Double Pole	50	1.05
Zadebom	2274	20 Ampere, Double Pole	..	1.63
Zadebon	2219	Single Plate for above, 4½x 2¾ inches	100	.53

With Indicating Dial Appearing Through Hole in Flush Plate.

Zadebop	2346	5 Ampere, Single Pole.....	100	.72
Zadebor	2347	10 Ampere, Single Pole.....	50	.81
Zadebos	2348	10 Ampere, Electrolier, 2-Circuit	10	1.15
Zadebot	2349	10 Ampere, Electrolier, 3-Circuit	10	1.15
Zadebov	2350	10 Ampere, Double Pole	50	1.15
Zadebow	2351	20 Ampere, Double Pole	10	1.73
Zadebox	2352	Single Plate for above, 4½x 2¾ inches	100	.53

Supporting screw holes 3 inches on centres.
Gang Plates for Round Cup Switches are listed.
The above Switches can be converted into Lock Switches by removing the handle and substituting No. 2384 Universal Lock Attachment, listed elsewhere.

PERKINS FLUSH SWITCH ACCESSORIES.

FLUSH PLATES. FOR PUSH BUTTON SWITCHES.

No. 3166.
(¼ Full Size.)

In One Horizontal Row.

Code Word.	List No.		Height, Length, Dimensions, Inches.	Std. Pkg.	List Price Each.
Zadazun	3165	For 1 switch,	4½ x 2¾	100	$0.35
Zadazup	3166	For 2 switches,	4½ x 4 9/16	...	.70
Zadazur	3167	For 3 switches,	4½ x 6⅜	...	1.05
Zadazus	3168	For 4 switches,	4½ x 8 3/16	...	1.40
Zadazut	3169	For 5 switches,	4½ x10	...	1.75
Zadazuv	3170	For 6 switches,	4½ x11 13/16	...	2.10
Zadazuw	3171	For 7 switches,	4½ x13⅝	...	2.45
Zadazux	3172	For 8 switches,	4½ x15 7/16	...	2.80

Switches in gangs spaced 1 13/16 inches on centers.

In One Vertical Row (Tandem).

Zadazuy	3369	For 2 switches,	8⅛ x 2¾	...	.70
Zadazuz	3370	For 3 switches,	11¾ x 2¾	...	1.05
Zadeba	3371	For 4 switches,	15⅜ x 2¾	...	1.40

STRUCK UP PLATES (.040 INCH METAL).

In One Horizontal Row.

Zagahoz	3665	For 1 switch,	4½ x 2¾	...	.27
Zagahu	3666	For 2 switches,	4½ x 4 9/16	...	.54
Zagahub	3667	For 3 switches,	4½ x 6⅜	...	.81

One hundred Single Plates, or the equivalent in gangs, is a standard package of Push Button Plates.

FOR RECTANGULAR CUP SWITCHES.

No. 3182.
(¼ Full Size.)

In One Horizontal Row.

Zadedab	3181	For 1 switch,	4½ x 2¾	100	.53
Zadebac	3182	For 2 switches,	4½ x 4 9/16	...	1.20
Zadebad	3183	For 3 switches,	4½ x 6⅜	...	1.80
Zadebaf	3184	For 4 switches,	4½ x 8 3/16	...	2.40
Zadebag	3185	For 5 switches,	4½ x10	...	3.00
Zadebah	3186	For 6 switches,	4½ x11 13/16	...	3.60
Zadebak	3187	For 7 switches,	4½ x13⅝	...	4.20
Zadebal	3188	For 8 switches,	4½ x15 7/16	...	4.80

Switches in gangs spaced 1 13/16 inches on centers.
Gang Plates for indicating Switches will be made only on special order.

In One Vertical Row (Tandem).

Zadebam	3372	For 2 switches,	8⅛ x 2¾	..	1.20
Zadeban	3373	For 3 switches,	11¾ x 2¾	...	1.80
Zadebap	3374	For 4 switches,	15⅜ x 2¾	...	2.40

Switches in tandem spaced 3⅝ inches on centers.
One hundred Single Plates, or the equivalent in gangs, is a standard package of Rectangular Cup Plates.

ROUND CUP SWITCHES.

No. 2105.
(¼ Full Size.)

In One Horizontal Row.

		For Switches.			
Zadebar	2219	1	4 x 2¾	100	.53
Zadebas	2105	2	3⅝ x 7¼	...	1.20
Zadebat	2106	3	3⅝ x 9¾	...	1.80
Zadebav	2107	4	3⅝ x12¼	...	2.40
Zadebaw	2108	5	3⅝ x14¾	...	3.00
Zadebax	2109	6	3⅝ x17¼	...	3.60
Zadebay	2110	7	3⅝ x19¾	...	4.20
Zadebaz	2111	8	3⅝ x22¼	...	4.80

In Two Horizontal Rows.

Zadebe	2112	4	6⅛ x 7¼	...	2.40
Zadebeb	2113	6	6⅛ x 9¾	...	3.60
Zadebec	2114	8	6⅛ x12¼	...	4.80

Back frames are included with the above. Switches in gangs are spaced 2½ inches on centers, both vertically and horizontally.

Gang plates for Indicating Switches will be made only on special order.

One hundred Single Plates, or the equivalent in gangs is a standard package quantity of Round Cup Plates.

PERKINS FLUSH SWITCH ACCESSORIES.

WOOD MATS.

For Push Button and Rectangular Cup Flush Switches and Flush Receptacles.

Quartered Oak. Varnished and Rubbed.

No. 2361.
(¼ Full Size.)

Code Word.	List No.		List Price.
Zadebed	2361	For 1 switch	$0.30
Zadebef	2362	For 2 switches	.40
Zadebeg	2363	For 3 switches	.50
Zadebeh	2364	For 4 switches	.60
Zadebek	2365	For 5 switches	.70
Zadebel	2366	For 6 switches	.80
Zadebem	2367	For 7 switches	.90
Zadeben	2368	For 8 switches	1.00

White Wood. Unfinished.

Zadebep	2371	For 1 switch	.30
Zadeber	2372	For 2 switches	.40
Zadebes	2373	For 3 switches	.50
Zadebet	2374	For 4 switches	.60
Zadebev	2375	For 5 switches	.70
Zadebew	2376	For 6 switches	.80
Zadebex	2377	For 7 switches	.90
Zadebey	2378	For 8 switches	1.00

White wood mats can be finished to match any desired wood, to order.

PERKINS AUTOMATIC DOOR SWITCHES.

National Electrical Code Standard.

3 Amperes—250 Volts. 6 Amperes—125 Volts.

No. 2355.
(⅜ Full Size.)

The many uses to which these Switches can be put are now well known. Every clothes closet in the modern hotel and apartment house is equipped with one; many other occasions arise where they are a great convenience and often a necessity.

The plate measure 4⅝ x 1¼ inches and the holes for supporting screws are spaced 3¾ inches on centers. The porcelain body 3⅝ inches long by 1 inch wide. Boxes to receive these switches are made by all the leading box manufacturers.

			Std. Pkg.	
.....	2355	Circuit Closed when Door is Open..	25	$2.25
.....	2356	Circuit Closed when Door is Closed.	10	2.25

BRYANT SPECIALTIES.

No. 934.
(1/10 Full Size.)

BRYANT-CLEVELAND ARC CUT-OUT.

Code Word.	List No.		List Price Each.
Zadehev	934	.....	$4.00

No. 1689.
(¼ Full Size.)

PRIMARY PORCELAIN TRANSFORMER CUT-OUT.

This Cut-out is single pole and will operate with entire satisfaction under a maximum load of 30 amperes at 2500 volts. The fuse wire is nine inches long. The Cut-out is finished in black enamel.

Zadehew	1689	Porcelain Transformer Cut-out, complete with plug..50	1.50
Zadehex	1690	Porcelain Transformer Cut-out, without plug.....50	1.00
Zadehey	1691	Porcelain Plug only.....50	.50

No. 3226.
(¼ Full Size.)

PERKINS ARC LAMP HANGER BOARDS.

National Electrical Code Standard. 250 Volts. For Multiple Lamps.

Zadehez	3226	With connections for Plug Fuses 10	1.25
Zadehi	3269	With 10 Amp. D. P. Pull Switch and connections for Plug Fuses.....10	2.50

No. 3269.
(¼ Full Size.)

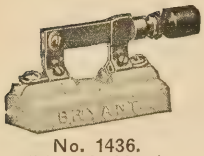
For Series Lamps.

Zadehib	3221	Plain Hanger Board.....10	1.00
Zadehic	3222	With switch for series lamps..	2.80

BRYANT KNIFE SWITCHES.

BABY KNIFE SWITCHES.

National Electrical Code Standard. 125 Volts.



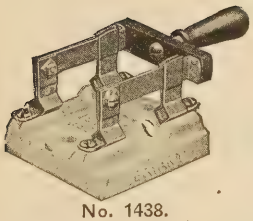
No. 1436.
(¼ Full Size.)

SINGLE POLE—PORCELAIN BASE.

Code Word.	List No.		Std. Pkg.	List Price, Each.
Zadecid	1436	15 Ampere, S. P., S. T. Switch.	100	$0.34
Zadecif	1437	25 Ampere, S. P., S. T. Switch.	100	.44
Zadecig	1454	15 Ampere, S. P., D. T. Switch.	100	.60
Zadecih	1455	25 Ampere, S. P., D. T. Switch.	100	.74

SINGLE POLE—UNMOUNTED.

Zadecik	1442	15 Ampere, S. P., S. T. Switch.	100	.34
Zadecil	1443	25 Ampere, S. P., S. T. Switch.	100	.44
Zadecim	1448	15 Ampere, S. P., S. T. Switch, Fusible.	100	.48
Zadecin	1449	25 Ampere, S. P., S. T. Switch, Fusible.	100	.51
Zadecip	1460	15 Ampere, S. P., D. T. Switch.	100	.60
Zadecir	1461	25 Ampere, S. P., D. T. Switch.	100	.74
Zadecis	1466	15 Ampere, S. P., D. T. Switch, Fusible.	100	.72
Zadecit	1467	25 Ampere, S. P., D. T. Switch, Fusible.	100	.88



No. 1438.
(¼ Full Size.)

DOUBLE POLE—PORCELAIN BASE.

Zadeciv	1438	15 Ampere, D. P., S. T. Switch.	250	.42
Zadeciw	1439	25 Ampere, D. P., S. T. Switch.	250	.50
Zadecix	1456	15 Ampere, D. P., D. T. Switch.	100	.74
Zadeciy	1457	25 Ampere, D. P., D. T. Switch.	100	.90

DOUBLE POLE—UNMOUNTED.

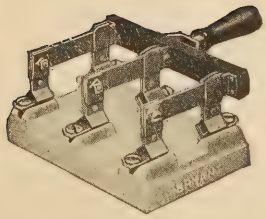
Zadeciz	1444	15 Ampere, D. P., S. T. Switch.	250	.42
Zadeco	1445	25 Ampere, D. P., S. T. Switch.	250	.50
Zadecob	1450	15 Ampere, D. P., S. T. Switch, Fusible.	250	.54
Zadecoc	1451	25 Ampere, D. P., S. T. Switch, Fusible.	250	.64
Zadecod	1462	15 Ampere, D. P., D. T. Switch.	100	.74
Zadecof	1463	25 Ampere, D. P., D. T. Switch.	100	.90
Zadecog	1468	15 Ampere, D. P., D. T. Switch, Fusible.	100	.98
Zadecoh	1469	25 Ampere, D. P., D. T. Switch, Fusible.	100	1.18

TRIPLE POLE—PORCELAIN BASE.

Zadecok	1440	15 Ampere, T. P., S. T. Switch.	25	.90
Zadecol	1441	25 Ampere, T. P., S. T. Switch.	25	1.10

TRIPLE POLE—UNMOUNTED.

Zadecom	1446	15 Ampere, T. P., S. T. Switch.	25	.90
Zadecon	1447	25 Ampere, T. P., S. T. Switch.	25	1.10
Zadecop	1452	15 Ampere, T. P., S. T. Switch, Fusible.	25	1.08
Zadecor	1453	25 Ampere, T. P., S. T. Switch, Fusible.	25	1.31
Zadecos	1464	15 Ampere, T. P., D. T. Switch.	10	1.20
Zadecot	1465	25 Ampere, T. P., D. T. Switch.	10	1.40
Zadecov	1470	15 Ampere, T. P., D. T. Switch, Fusible.	10	1.56
Zadecow	1471	25 Ampere, T. P., D. T. Switch, Fusible.	10	1.82



No. 1440.
(¼ Full Size.)

BRYANT KNIFE SWITCHES.

BABY KNIFE SWITCHES.

National Electrical Code Standard. 250 Volts.

No. 1636.

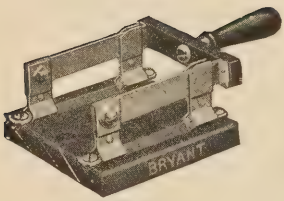
(¼ Full Size.)

SINGLE POLE—SLATE BASE.

Code Word.	List No.		Std. Pkg.	List Price, Each.
Zadecox	1636	15 Amp., S. P., S. T. Switch.	100	$0.40
Zadecoy	1637	25 Amp., S. P., S. T. Switch.	100	.50
Zadecoz	1654	15 Amp., S. P., D. T. Switch.	100	.68
Zadecu	1655	25 Amp., S. P., D. T. Switch.	100	.84

SINGLE POLE—UNMOUNTED.

Zadecub	1642	15 Amp., S. P., S. T. Switch.	100	.40
Zadecuc	1643	25 Amp., S. P., S. T. Switch.	100	.50
Zadecud	1648	15 Amp., S. P., S. T. Switch, Fusible.	25	.46
Zadecuf	1649	25 Amp., S. P., S. T. Switch, Fusible.	25	.57
Zadecug	1660	15 Amp., S. P., D. T. Switch.	100	.68
Zadecuh	1661	25 Amp., S. P., D. T. Switch.	100	.84
Zadecuk	1666	15 Amp., S. P., D. T. Switch, Fusible.	100	.80
Zadecul	1667	25 Amp., S. P., D. T. Switch, Fusible.	100	.98



No. 1638.

(¼ Full Size.)

DOUBLE POLE—SLATE BASE.

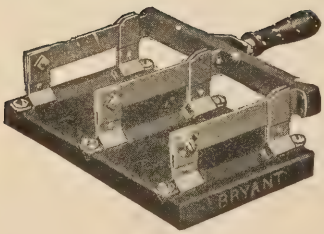
Zadecum	1638	15 Amp., D. P., S. T. Switch.	250	.50
Zadecun	1639	25 Amp., D. P., S. T. Switch.	250	.60
Zadecup	1656	15 Amp., D. P., D. T. Switch.	100	.86
Zadecur	1657	25 Amp., D. P., D. T. Switch.	100	1.04

DOUBLE POLE—UNMOUNTED.

Zadecus	1644	15 Amp., D. P., S. T. Switch.	250	.50
Zadecut	1645	25 Amp., D. P., S. T. Switch.	250	.60
Zadecuv	1650	15 Amp., D. P., S. T. Switch, Fusible.	250	.60
Zadecuw	1651	25 Amp., D. P., S. T. Switch, Fusible	250	.74
Zadecux	1662	15 Amp., D. P., D. T. Switch.	100	.86
Zadecuy	1663	25 Amp., D. P., D. T. Switch.	100	1.04
Zadecuz	1668	15 Amp., D. P., D. T. Switch, Fusible.	100	1.10
Zadeda	1669	25 Amp., D. P., D. T. Switch, Fusible.	100	1.32

TRIPLE POLE—SLATE BASE.

Zadedab	1640	15 Amp., T. P., S. T. Switch.	25	1.04
Zadedac	1641	25 Amp., T. P., S. T. Switch.	25	1.30
Zadedad	1658	15 Amp., T. P., D. T. Switch.	10	1.40
Zadedaf	1659	25 Amp., T. P., D. T. Switch.	10	1.64



No. 1640.

(¼ Full Size.)

TRIPLE POLE—UNMOUNTED.

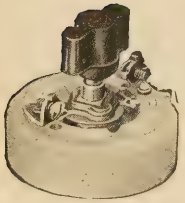
Zadedag	1646	15 Amp., T. P., S. T. Switch.	25	1.04
Zadedah	1647	25 Amp., T. P., S. T. Switch.	25	1.30
Zadedak	1652	15 Amp., T. P., S. T. Switch, Fusible.	25	1.22
Zadedal	1653	25 Amp., T. P., S. T. Switch, Fusible.	25	1.51
Zadedam	1664	15 Amp., T. P., D. T. Switch.	10	1.40
Zadedan	1665	25 Amp., T. P., D. T. Switch.	10	1.64
Zadedap	1670	15 Amp., T. P., D. T. Switch, Fusible.	10	1.76
Zadedar	1671	25 Amp., T. P., D. T. Switch, Fusible.	10	2.06

H. AND H. SWITCHES.

STANDARD SWITCHES.

National Electrical Code Standard—250 Volts.

SCHEDULE "S"—SINGLE POLE.



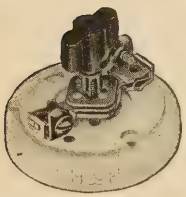
No. 8449.

5 Ampere. Small Size.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zacuker	8449	2148	Closed base, plain.....	252	$0.28
Zacukes	8450	2161	Open base, plain.....	252	.28
Zacuket	8451	2162	Closed base, indicating..	252	.32
Zacukev	8452	2163	Open base, indicating...	252	.32

5 Ampere. Standard Size.

Zabaxer	49191	20	Closed base, plain.....	102	.36
Zabaxes	49192	120	Open base, plain.....	102	.36
Zabaxet	49193	220	Closed base, indicating..	102	.40
Zabaxev	49194	320	Open base, indicating...	102	.40



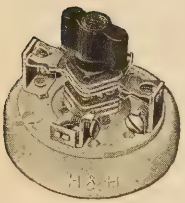
No. 49195.

10 Ampere.

Zabaxew	49195	21	Closed base, plain.....	102	.48
Zabaxex	49196	121	Open base, plain.....	102	.48
Zabaxez	49197	221	Closed base, indicating..	102	.54
Zabaxi	49198	321	Open base, indicating...	102	.54

Indicating Switches, closed base, are sent unless otherwise specified. Switches packed six in box.

DOUBLE POLE.



No. 49199.

5 Ampere.

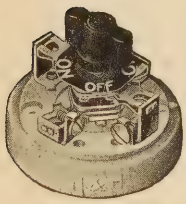
Zacukew	8453	2085	Closed base, plain.....	102	.56
Zacukex	8454	2086	Open base, plain.....	102	.56
Zacukey	8455	2087	Closed base, indicating..	102	.64
Zacukez	8456	2088	Open base, indicating...	102	.64

10 Ampere.

Zabaxib	49199	22	Closed base, plain.....	102	.66
Zabaxid	49200	122	Open base, plain.....	102	.66
Zabaxif	49201	222	Closed base, indicating..	102	.76
Zabaxig	49202	322	Open base, indicating...	102	.76

20 Ampere.

Zabaxih	49203	32	Closed base, plain.....	30	1.20
Zabaxik	49204	132	Open base, plain.....	30	1.20
Zabaxil	49205	432	Closed base, indicating..	30	1.30
Zabaxim	49206	532	Open base, indicating...	30	1.30



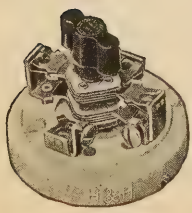
Showing Dial.

35 Ampere.

Zabaxin	49207	42	Closed base, plain.....	30	1.50
Zabaxip	49208	142	Open base, plain.....	30	1.50
Zabaxir	49209	442	Closed base, indicating..	30	1.60
Zabaxis	49210	542	Open base, indicating...	30	1.60

Indicating Switches, closed base, are sent unless otherwise specified.

THREE-WAY.



No. 49211.

Zacoguv	5079	2089	5 amp., closed base.....	102	.56
Zacoguw	5080	2090	5 amp., open base.....	102	.56
Zabaxit	49211	23	10 amp., closed base.....	54	.66
Zabaxiv	49212	123	10 amp., open base.....	54	.66
Zabaxiw	49213	33	20 amp., closed base.....	10	1.20
Zabaxix	49214	133	20 amp., open base.....	10	1.20
Zabaxiz	49215	43	35 amp., closed base.....	10	1.60
Zabaxo	49216	143	35 amp., open base.....	10	1.60

Cannot be made indicating.

Three-way Switches are used for controlling a group of lights from either one of two points, one switch being located at each point.

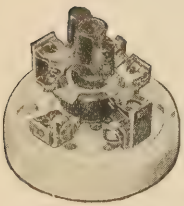
Wiring diagram sent on request.

H. AND H. SWITCHES.

STANDARD SWITCHES.

National Electrical Code Standard—250 Volts.

SCHEDULE "S"—FOUR-WAY OR COMMUTATION SWITCH.



No. 49217.

10 Ampere.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zabaxob	49217	24	Closed base	30	$0.86
Zabaxod	49218	124	Open base	30	.86

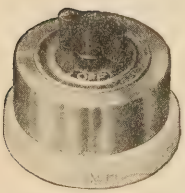
Cannot be made indicating.

A Four-Way or Commutation Switch is used in connection with two three-way switches for controlling a group of lights from three points. This number may be increased indefinitely by connecting in a four-way switch between the two three-way switches at each additional point desired.

Wiring diagram sent on request.

TWO-SECTION ELECTROLIER SWITCHES.

For Controlling the Lights on an Electrolier in Two Sections.



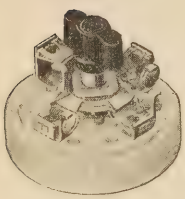
Indicating Switch With Cover.

10 Ampere.

Zabaxul	49241	29	Closed base, plain cover	30	.76
Zabaxum	49242	129	Open base, plain cover	30	.76
Zabaxun	49243	229	Closed base, indicating cover	30	.86
Zabaxup	49244	329	Open base, indicating cover	30	.86
Zufeh	45615	429	Closed base, plain cover	30	.76
Zufek	45616	529	Open base, plain cover	30	.76
Zufel	45617	629	Closed base, indicating cover	30	.86
Zufem	45618	729	Open base, indicating cover	30	.86

THREE-SECTION ELECTROLIER SWITCHES.

For Controlling Lights on an Electrolier in Three Sections.



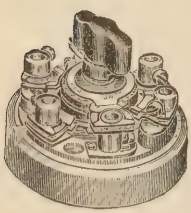
No. 49245.

10 Ampere.

Zabaxur	49245	25	Closed base, plain	30	.76
Zabaxus	49246	125	Open base, plain	30	.76
Zabaxut	49247	225	Closed base, indicating	30	.86
Zabaxuv	49248	325	Closed base, indicating	30	.86

Description with wiring diagram sent on request.

TRIPLE POLE SWITCH.



No. 49249.

10 Ampere.

Zabaxuw	49249	26	Closed base, plain	10	1.90
Zabaxux	49250	126	Open base, plain	10	1.90
Zabaxuz	49251	226	Closed base, indicating	10	2.00
Zabaza	49252	326	Open base, indicating	10	2.00

20 Ampere.

Zabazab	49253	36	Closed base, plain	10	2.10
Zabazad	49254	136	Open base, plain	10	2.10
Zabazaf	49255	436	Closed base, indicating	10	2.20
Zabazag	49256	536	Open base indicating	10	2.20

35 Ampere.

Zabazah	49257	46	Closed base, plain	10	2.50
Zabazak	49258	146	Open base, plain	10	2.50
Zabazal	49259	446	Closed base, indicating	10	2.60
Zabazam	49260	546	Open base, indicating	10	2.60

Indicating switches are sent unless otherwise ordered.

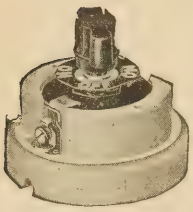
SPECIAL SWITCHES.

A great variety of connections are possible by various combinations of the contacts and switch plates of the switches shown in this catalogue. If we are given a clear idea of what is required of a special switch, we can usually furnish one which will make the desired connections.

FAN MOTOR SWITCHES.

We make a variety of special switches for use with fan motors, allowing one, two or three speeds.

H. AND H. SWITCHES



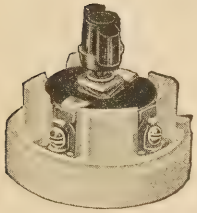
No. 49236.

600 VOLT BARRIER SWITCHES.

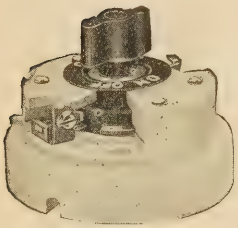
National Electrical Code Standard.

SCHEDULE "S."

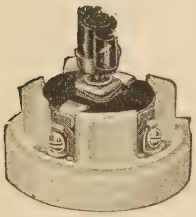
The switches illustrated herewith are furnished with a barrier of porcelain to assist in breaking the circuit. The switch-plate passes through a narrow slot and the air space is so small that it is impossible for the spark to follow.



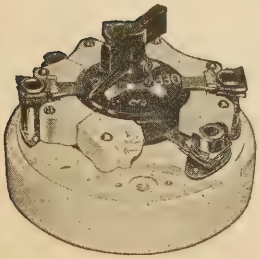
No. 49237.



No. 49240.



No. 44748.



No. 44754.

5 Ampere Single Pole, 600 Volt. Barrier Type.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zabaxoz	49233	50½	Closed base, plain cover..	54	$0.66
Zabaxu	49234	150½	Open base, plain cover...	54	.66
Zabaxub	49235	250½	Closed base, indc. cover..	54	.76
Zabaxud	49236	350½	Open base, indc. cover...	50	.76

10 Ampere Single Pole, 600 Volt. Barrier Type.

Zacawup	16963	2164	Closed base, plain cover..	50	1.40
Zacawur	16964	2165	Open base, plain cover....	50	1.40
Zacawus	16965	2166	Closed base, indc. cover...	50	1.50
Zacawut	16966	2167	Open base, indc. cover....	50	1.50

20 Ampere Single Pole, 600 Volt. Barrier Type.

Zacunez	8113	241½	Closed base, plain cover..	50	1.60
Zacuni	8114	341½	Open base, plain cover...	50	1.60
Zabaxuh	49239	441½	Closed base, indc. cover..	50	1.70
Zabaxuk	49240	541½	Open base, indc. cover...	50	1.70

5 Ampere Three-Way, 600 Volt. Barrier Type.

Zabaxuf	49237	53½	Closed base, plain cover..	54	.90
Zabaxug	49238	153½	Open base, plain cover...	54	.90

10 Ampere Three-Way, 600 Volt. Barrier Type.

Zacunib	8115	2172	Closed base, plain cover..	50	1.40
Zacunic	8116	2173	Open base, plain cover....	50	1.40

5 Ampere, Two-Circuit, 600 Volt. Barrier Type.

Zotas	44748	57	Closed base, plain cover....	54	.90
Zote	44749	157	Open base, plain cover.....	54	.90
Zoteb	44750	257	Closed base, indc. cover....	54	1.00
Zoted	44751	357	Open base, indc. cover.....	54	1.00

20 Ampere Two-Circuit, 600 Volt. Barrier Type.

Zacunid	8117	47	Closed base, plain cover...	50	1.75
Zadana	27467	147	Open base, plain cover.....	50	1.75
Zotef	44752	247	Closed base, indc. cover....	50	1.85
Zoteg	44753	347	Open base, indc. cover.....	50	1.85

600 VOLT HEATER SWITCH.

35 Ampere 600 Volt. Barrier Type.

For Controlling Electric Heaters in Sections.

Gives Three Degrees of Heat, 1-2-3-off, and Can Be Turned in Either Direction.

No. 162.—The mechanism of this switch is of an entirely different design from our regular line of snap switches, the parts being made from heavy bronze castings, carefully machined. The switch will snap in either direction, so that in turning from "1" to "off" it is not necessary to turn over points 2 and 3. It is provided with a double indicating device, as shown in cut, for showing number of heater sections in circuit, first by means of an indicating dial which shows through the cover, and second by means of a pointer attached to the metal handle, which points to a number on the cover, indicating the degree of heat.

Special connections can readily be made on the above base by different arrangements of contacts and switch plates.

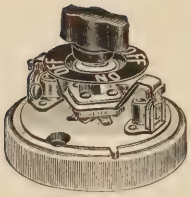
Zoteh	44754	162	35 Ampere	10	10.00

H. AND H. SWITCHES.

600 VOLT STANDARD SWITCHES.

National Electrical Code Standard.

SCHEDULE "S."



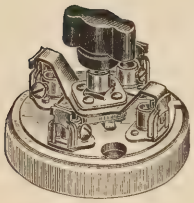
No. 49221.

3 Ampere Single Pole. 600 Volt.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zabaxof	49219	20½	Closed base, plain cover	54	$0.54
Zabaxog	49220	120½	Open base, plain cover..	54	.54
Zabaxoh	49221	220½	Closed base, indc. cover.	54	.60
Zabaxok	49222	320½	Open base, indc. cover..	54	.60

1 Ampere Three-Way. 600 Volt.

Zabaxor	49227	23½	Closed base, plain cover.	54	.70
Zabaxos	49288	123½	Open base, plain cover..	54	.70



No. 49227.

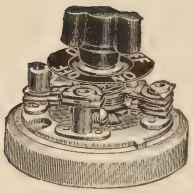
Two-Circuit Switch.

This switch is especially designated for lights on electric cars, where there are four lights inside and one at each end, outside the car. The four inside lights, together with one end light, are turned "on" or "off" successively by the first two-quarter turns of the handle. The next two-quarter turns of the handle turn "on" and "off" successively the inside lights and the other end light.

3 Ampere Two-Circuit. 600 Volt.

Zabaxot	49229	27	Closed base, plain cover.	54	.66
Zabaxov	49230	127	Open base, plain cover..	54	.66
Zabaxow	49231	227	Closed base, indc. cover.	54	.76
Zabaxox	49232	327	Open base, indc. cover..	54	.76

Two-Circuit Switches of greater capacity can be furnished on order.



No. 49231.

600-VOLT HEATER SWITCH.

15 Ampere. 600 Volt.

For Controlling Electric Heaters in Sections.

Gives Three Degrees of Heat, 1-2-3-off, Can Be Turned Only in One Direction.

Zacetik	19037	799	Three Degree Heater Switch, plain	10	3.00
Zacetil	19038	800	Three Degree Heater Switch, indicating	10	3.10

THE COMBINED SNAP SWITCH AND CUT-OUT.

Made in 10 Ampere Only, 250 Volts.

It consists of a Standard Hart Double Pole Switch, mounted on a suitable porcelain base, in connection with two cartridge fuses, all encased under one cover. The terminal clips into which the supply wires are placed are outside the cover.

The switch is furnished either with or without the fuses.

In factories and mills and for general work where switches and cut-outs cannot be readily centralized, its use will be most economical, effecting a saving in wire and cabinets.

No. 44756.

WITHOUT FUSES.

10 Ampere Double-Pole Indicating Cover.

Zotel	44756	1022	*Two-wire	10	1.60
Zotem	44757	1122	Three-wire	10	1.60

Fuses for Above Listed Elsewhere.

SPECIAL FINISHES FOR SURFACE SWITCHES.

For surface switches in special finishes, add to list price.. .10

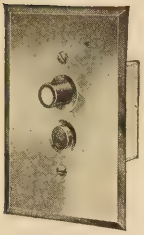
Note.—Switch Covers are Furnished in Polished Nickel. All Other Finishes are Special.

H. AND H. SWITCHES.

PUSH BUTTON FLUSH SWITCHES. DEPTH 1½ INCHES.

National Electrical Code Standard—250 Volts.

SCHEDULE "S."



No. 49261.

The H. & H. Push Switch is 1½ inches deep, 2 9/16 inches long and 1 11/16 inches wide.

The push is easy and cannot fail to operate.

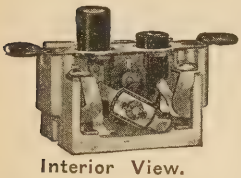
Binding screws are extra long, making it easy to wire.

The porcelain has been designed so that there is ample room for wires of any necessary size, or for splicing.

The form of the porcelain allows extra room when used in gang boxes.

There is a saving in labor when installing.

Can be installed in any standard wall box or in our steel wall cases without alteration or removal of any parts.

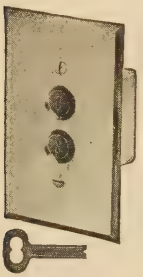


Interior View.

Without Plates.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zabazan	49261	2081	Single pole, 10 amp., 125 volts; 5 amp., 250 volts, plate	100	$0.72
Zabazap	49262	2082	Double pole, 10 amp., 250 volts	50	1.00
Zabazar	49263	2083	3-way, 10 amp., 125 volts; 5 amp., 250 volts, without plate	50	1.00
Zabazas	49264	2084	4-way, 10 amp., 125 volts; 5 amp., 250 volts, without plate	10	3.25

LOCK PUSH SWITCH. DEPTH 1½ INCHES.



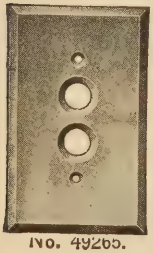
No. 49050.

Cannot be operated without the key which is furnished with the switch, even if the plate has been removed.

Plates as furnished on regular push switches will fit the lock switch, making it possible to install in gangs without the use of a special plate.

Zademab	49050	2081L	10 amp. S. P.	100	1.22
Zademac	49051	2082L	10 amp. D. P.	50	1.50
Zademad	49052	2083L	10 amp. 3-way	50	1.50
Zademaf	49053	2084L	10 amp. 4-way	10	3.75
Zademil	49060	5003	Key for above	100	.15

FLUSH PLATES FOR PUSH BUTTON FLUSH SWITCHES—STRUCK-UP PLATES.



No. 49265.

Zacunih	8351	4077	For 1 switch	4½ x 2 3/4	.27
Zacunik	8352	4078	For 2 switches	4½ x 4 9/16	.54
Zacunil	8353	4079	For 3 switches	4½ x 6 3/8	.81

SOLID PLATES—STANDARD SIZE.

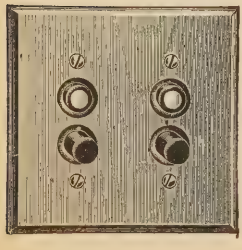
Plates made in this style carried in stock to accommodate from one to eight switches.

We furnish on order plates of any size and for any number of switches.

Particular attention is called to the size of the plates. They are made large so they can be used in connection with the wall cases and cover up all broken edges of plaster. This size of plate is always sent, unless otherwise specified.

Zabazat	49265	4051	For 1 switch	4½ x 2 3/4	.35
Zabazav	49266	4052	For 2 switches	4½ x 4 9/16	.70
Zabazaw	49267	4053	For 3 switches	4½ x 6 3/8	1.05
Zabazax	49268	4054	For 4 switches	4½ x 8 3/16	1.40
Zabazaz	49269	4055	For 5 switches	4½ x10	1.75
Zabaze	49270	4056	For 6 switches	4½ x11 13/16	2.10
Zabazeb	49271	4057	For 7 switches	4½ x13 5/8	2.45
Zabazed	49272	4058	For 8 switches	4½ x15 7/16	2.80

SMALL SIZE.



No. 49266.

The smaller size cannot be used with wall cases, but can be used with iron conduit boxes and iron frames. If these plates are wanted, order small plates. They are not sent unless specified.

Zabazef	49273	4041	For 1 switch	4 x 2 1/4	.35
Zabazeg	49374	4042	For 2 switches	4 x 4 1/8	.70
Zabazeh	49275	4043	For 3 switches	4 x 5 15/16	1.05
Zabazek	49276	4044	For 4 switches	4 x 7 3/4	1.40
Zabazel	49277	4045	For 5 switches	4 x 9 9/16	1.75
Zabazem	49278	4046	For 6 switches	4 x11 3/8	2.10
Zabazen	49279	4047	For 7 switches	4 x13 3/16	2.45
Zabazep	49280	4048	For 8 switches	4 x15	2.80

H. AND H. SWITCHES.

National Electrical Code Standard—250 Volts.

SCHEDULE "S."

TANDEM PLATES FOR PUSH BUTTON FLUSH SWITCHES.

No. 44736.

Plates are made in tandem style and carried in stock to accommodate from two to six switches.

We furnish on order Tandem Plates of any size to accommodate any number of switches.

Stock Tandem Plates are made of one size only, and are adapted for use with H. & H. Wall Cases and Iron Conduit Boxes.

Code Word.	List No.	Mfr. No.		Height Length.	Std. Pkg.	List Price Each.
Zotah	44736	4072	For 2 switches	8⅛ x	2 11/16	$0.70
Zotak	44737	4073	For 3 switches	11¾ x	2 11/16	1.05
Zotal	44738	4074	For 4 switches	15⅜ x	2 11/16	1.40
Zotam	44739	4075	For 5 switches	19 x	2 11/16	1.75
Zotan	44740	4076	For 6 switches	22⅝ x	2 11/16	2.10

The above plates are also used with the lock push switches.

Nickel plates are always furnished unless otherwise specified.

Plates, either single, gang, or assorted, to cover 100 switches, constitute a standard package.

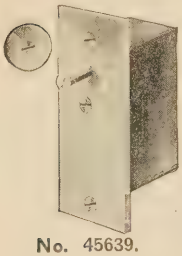
SPECIAL FINISHES FOR FLUSH PLATES.

For special finishes, except Silver and Gold, add to list price per switch..... 0.10

Flush Plates.—Polished Nickel, Polished Brass, Old or Brush Brass, Polished Bronze, and Oxidized Copper are standard finishes. All other finishes are special.

DOOR SWITCH.

For Automatically Operating a Light Upon the Opening and Closing of a Door.



No. 45639.

This Door Switch will not only automatically operate the light, but it is so arranged that it automatically adjusts itself during the different seasons of the year to accommodate its action to the swelling or shrinking of the door. The trouble with door switches heretofore has been that the light was not always off when the door was closed, though the owner was unconscious of it, the trouble being the door had shrunk so it did not close enough to operate the switch. This trouble would not be possible with the "H. & H." Door Switch.

The box enclosing the switch is of sheet steel, .081" in thickness. Contacts are mounted on porcelain fastened to the box. Mechanism is insulated from current carrying parts. The binding screws for wiring are easily accessible. Dimension of plate, 3¾x1¼ inches. Opening required, 2⅝x1 1/16 inches. Depth, 1¾ inches.

3 AMPERE SINGLE POLE, 250 VOLTS.

Zufit	45639	2022	Light on when door is open.....	25	2.25
Zufiv	45640	2023	Light on when door is closed.....	10	2.25

Wall Case for Door Switch Listed Under Wall Cases.

Showing Lock Attachment, Mounted.

LOCK ATTACHMENT.

All switches, both standard and flush, can be furnished with lock attachment and detachable key when so ordered.

Zademag	49054	5001	5 and 10 amps....	0.16
Zademah	49055	5010	20 and 35 amps....	.16
Zafovor	37543	5002	Key for above.....	.06

H. AND H. SWITCHES.

ROTARY FLUSH SWITCHES.

National Electrical Code Standard—250 Volts.

SCHEDULE "S."

No. 44741.

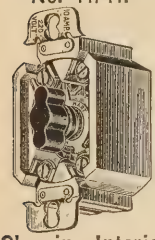
The Switches will fit in the same space as a Push Button Flush Switch.

The current-carrying parts are insulated from mechanism.

The operation is easy, smooth and sure.

The Switch fits any standard box designed for Push Button Flush Switches, or the H. & H. Standard Wall Case, without alteration or removal of any parts.

Binding screws are extra long, making it easy to wire.



Showing Interior.

Without Plates.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zotap	44741	600	5 amp., S. P.....	100	$0.62
Zotar	44742	601	10 amp., S. P.....	50	.71
Zotas	44743	602	10 amp., D. P.....	50	1.05
Zotat	44744	603	10 amp., 3-way.....	50	1.05
Zotav	44745	604	10 amp., 4-way.....	10	1.05
Zotaw	44746	605	10 amp., 3 section electrolier...	10	1.05
Zotax	44747	609	10 amp., 2 section electrolier...	10	1.05
Zufig	45630	619	10 amp., 2 section electrolier...	10	1.05

FLUSH PLATES FOR ROTARY FLUSH SWITCHES—STRUCK-UP PLATE.

Zafovos	37544	4067	For 1 switch.....	4½x2¾	0.40

This Plate is Made Only for Single Switch in Rotary Style.

SOLID PLATES—STANDARD SIZE.

Plates made in this style carried in stock to accommodate from one to eight switches.

We furnish on order plates of any size and for any number of switches.

Particular attention is called to the size of the plates. They are made large so they can be used in connection with the wall cases and cover up all broken edges of plaster. This size of plate is always sent, unless otherwise specified.

No. 49282.

				Height	Length.	
Zabazer	49281	4031	For 1 switch	4½x	2 3/4	0.53
Zabazes	49282	4032	For 2 switches	4½x	4 9/16	1.20
Zabazet	49283	4033	For 3 switches	4½x	6 3/8	1.80
Zabazev	49284	4034	For 4 switches	4½x	8 3/16	2.40
Zabazew	49285	4035	For 5 switches	4½x	10	3.00
Zabazex	49286	4036	For 6 switches	4½x	11 13/16	3.60
Zabazez	49287	4037	For 7 switches	4½x	13 5/8	4.20
Zabazi	49288	4038	For 8 switches	4½x	15 7/16	4.80

SMALL SIZE.

The smaller size cannot be used with wall cases, but can be used with iron conduit boxes and iron frames. If these plates are wanted, order small plates. They are not sent unless specified.

Zufih	45631	4021	For 1 switch	4	x 2 1/4	0.53
Zufik	45632	4022	For 2 switches	4	x 4 1/8	1.20
Zufil	45633	4023	For 3 switches	4	x 5 15/16	1.80
Zufim	45634	4024	For 4 switches	4	x 7 3/4	2.40
Zufin	45635	4025	For 5 switches	4	x 9 9/16	3.00
Zufip	45636	4026	For 6 switches	4	x11 3/8	3.60
Zufir	45637	4027	For 7 switches	4	x13 3/16	4.20
Zufis	45638	4028	For 8 switches	4	x15	4.80

TANDEM PLATES FOR RECTANGULAR FLUSH SWITCHES.

These plates are made in tandem style and carried in stock to accommodate from two to six switches.

We furnish, on order, tandem plates of any size, accompanying any number of switches.

Stock tandem plates are made of one size only and are adapted for use with H. & H. Wall Cases.

No. 49289.

Zabazib	49289	4062	For 2 switches	8⅛x2	11/16	1.20
Zabazid	49290	4063	For 3 switches	11¾x2	11/16	1.80
Zabazif	49291	4064	For 4 switches	15⅜x2	11/16	2.40
Zabazig	49292	4065	For 5 switches	19 x2	11/16	3.00
Zabazih	49293	4066	For 6 switches	22⅝x2	11/16	3.60

Regular and special finishes listed elsewhere.

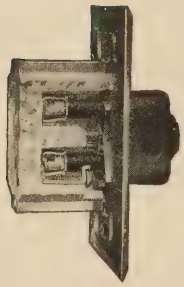
Nickel plates are always furnished unless otherwise specified.

Plates, either single, gang, or assorted to cover 100 switches, constitute a standard package.

Lock attachment for above switches listed on preceding page.

H. AND H. SWITCHES.

Material Not Scheduled.



No. 49056.
Plug in Position.

"H. AND H." FLUSH RECEPTACLES.

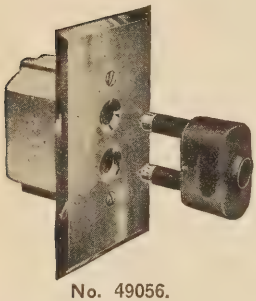
This receptable is mounted in a porcelain base and will fit any appliance intended to receive an "H. and H." switch or rectangular base flush switch.

Flush plates provided with shutters automatically close the opening when plug is withdrawn.

FOR CIRCUITS UP TO 250 VOLTS. 5 AMPERES.

Code Word.	List No.	Mfr. No.		Std. List Pkg.	Price Each.
Zademak	49056	2034	Complete	25	$1.40
Zademal	49057	2001	Receptacle base	25	.50
Zademam	49058	2033	Plate	25	.65
Zademan	49059	2002	Plug	25	.25

Gang Plate for Receptacles 65 cents per unit.



No. 49056.
Plug Withdrawn.

WOOD MATS.

We keep in stock mats for switches from one to eight in pine, oak, cherry and mahogany, and can make special mats in larger sizes or special woods at slight additional cost.

Mats for Push, Rotary, Flush Switches and Receptacles.

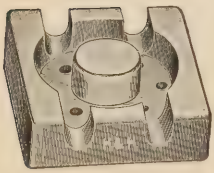
				Pine or Oak.	Mahogany or Cherry.
Zufet	45621	2281	For 1 switch.....	0.30	0.40
Zufev	45622	2282	For 2 switches.....	.40	.50
Zufew	45623	2283	For 3 switches.....	.50	.60
Zufex	45624	2284	For 4 switches.....	.60	.70
Zufi	45625	2285	For 5 switches.....	.70	.80
Zufib	45626	2286	For 6 switches.....	.80	.90
Zufid	45627	2287	For 7 switches.....	.90	1.00
Zufif	45628	2288	For 8 switches.....	1.00	1.10

No. 45621.

SUB-BASES.

For Use With Standard "H. & H." Switches on Cleat Work.

Zabazof	49309	1555	5 amp. sub-base....	100	0.06
Zabazog	49310	1556	10 amp. sub-base....	100	.06
Zabazoh	49311	1557	20 amp. sub-base....	25	.15
Zabazok	49312	1558	35 amp. sub-base....	25	.15



No. 49039.

FUSES.

For the Combined Snap Switch and Cut-Out Listed Elsewhere.

Zafosaf	15682	1023	10 amp. fuses.....	20	.18

H. AND H. SWITCHES.

Material Not Scheduled.

WALL CASES.

For Rotary Flush, Push Button Switches and Receptacles.

No. 49299.

Wall Cases are made of sheet steel .081 inch in thickness and are japanned. They have four outlets in the bottom for ⅜ inch and two outlets in each end for ¼ inch flexible conduit.

All outlets are plugged with blanks, which are easily knocked out.

Wall Cases are carried in stock to accommodate either single switches, or in gangs up to eight.

Ears for holding Wall Cases are made so they can be reversed and the case used for installations in new work. When ears are reversed the distance from the ear to the top of case is 9/16 inch.

2¾ In. Deep.

HORIZONTAL STYLE.

No. 49294.

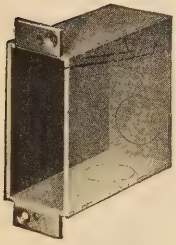
Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zabazir	49299	3031	For 1 switch.....	50	$0.40
Zabazis	49300	3032	For 2 switches.....	25	.70
Zabazit	49301	3033	For 3 switches.....	25	1.00
Zabaziv	49302	3034	For 4 switches.....	10	1.30
Zabaziw	49303	3035	For 5 switches.....	5	1.60
Zabazix	49304	3036	For 6 switches.....	5	1.90
Zabaziz	49305	3037	For 7 switches.....	5	2.20
Zabazo	49306	3038	For 8 switches.....	5	2.50

TANDEM STYLE.

Zabazik	49294	3042	For 2 switches.....	..	0.70
Zabazil	49295	3043	For 3 switches.....	..	1.00
Zabazim	49296	3044	For 4 switches.....	..	1.30
Zabazin	49297	3045	For 5 switches.....	..	1.60
Zabazip	49298	3046	For 6 switches.....	..	1.90

Shallow Type 2 1/16 In. Deep.

HORIZONTAL STYLE.



No. 45613.

Zaculok	8643	901	For 1 switch.....	50	0.40
Zaculol	8644	902	For 2 switches.....	25	.70
Zaculom	8645	903	For 3 switches.....	25	1.00
Zaculon	8646	904	For 4 switches.....	10	1.30
Zaculop	8647	905	For 5 switches.....	5	1.60
Zaculor	8648	906	For 6 switches.....	5	1.90
Zaculos	8649	907	For 7 switches.....	5	2.20
Zaculot	8650	908	For 8 switches.....	5	2.50

TANDEM STYLE.

Zaculov	8650	912	For 2 switches.....	..	0.70
Zaculow	8651	913	For 3 switches.....	..	1.00
Zaculox	8652	914	For 4 switches.....	..	1.30
Zaculoy	8653	915	For 5 switches.....	..	1.60
Zaculoz	8654	916	For 6 switches.....	..	1.90

No. 49307.

WALL CASE FOR DOOR SWITCH.

Outlets in Ends and Bottom for ¼ Inch and ½ Inch Conduit.

For One Door Switch.

Zufiy	45613	3047	.....	25	0.40

CONDUIT FASTENERS.

Fastened in Place on Conduit.

Brass fasteners for holding flexible conduit in wall cases. Packed 100 in box.

Directions.

Insert conduit through outlet in wall case. Force fastener over end of conduit, as shown in cut, and teeth of fastener will engage the fabric.

Zabazob	49307	5007	¼ inch Conduit fastener, per 100..		.75
Zabazod	49308	5008	⅜ inch Conduit fastener, per 100..		.75

"ARROW E" SURFACE SWITCHES.

No. 21978.

National Electrical Code Standard. 250 Volts.

Pony Size, Single Pole. 5 Amperes, 125 Volts. 3 Amperes, 250 Volts.

Code Word.	List No.	Mfr. No.	Schedule.		Std. Pkg.	List Pr. Each.
Zabofat	21976	6100	S	Open Base	250	$0.28
Zabofav	21977	6101	S	Open Base, Indicating	250	.32
Zabofaw	21978	6102	S	Closed Base	250	.28
Zabofax	21979	6103	S	Closed Base, Indicating	250	.32

Holes for supporting screws are spaced 1 11/32 inches on centers.

No. 2574.

Large Size, Single Pole. 5 Amperes, 125 Volts. 3 Amperes, 250 Volts.

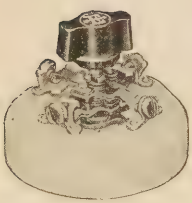
Zaderid	2568	6200	S	Open Base	100	.36
Zaderif	2569	6201	S	Open Base, Indicating	100	.40
Zaderig	2570	6202	S	Closed Base	100	.36
Zaderih	2571	6203	S	Closed Base, Indicating	100	.40

Holes for supporting screws are spaced 1 7/16 inches on centers.

Single Pole. 10 Amperes, 125 Volts. 5 Amperes, 250 Volts.

Zaderik	2572	6204	S	Open Base	100	.48
Zaderil	2573	6205	S	Open Base, Indicating	100	.54
Zaderim	2574	6206	S	Closed Base	100	.48
Zaderin	2575	6207	S	Closed Base, Indicating	100	.54

Holes for supporting screws are spaced 1 21/32 inches on centers.



No. 21982.

Double Pole, 5 Amperes, 250 Volts.

Zabofay	21980	6208	S	Open Base	100	.56
Zabofaz	21981	6209	S	Open Base, Indicating	100	.64
Zabofe	21982	6210	S	Closed Base	100	.56
Zabofeb	21983	6211	S	Closed Base, Indicating	100	.64

Holes for supporting screws are spaced 1 7/16 inches on centers.

Double Pole, 10 Amperes, 250 Volts.

Zaderip	2576	6215	S	Open Base	100	.66
Zaderir	2577	6216	S	Open Base, Indicating	100	.76
Zaderis	2578	6217	S	Closed Base	100	.66
Zaderit	2579	6218	S	Closed Base, Indicating	100	.76

Holes for supporting screws are spaced 1 21/32 inches on centers.

No. 2583.

Three Point. 3 Amperes, 125 Volts. 1 Ampere, 250 Volts.

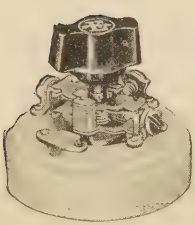
Zaderiv	2580	6223	S	Open Base	100	.48
Zaderiw	2581	6224	S	Closed Base	100	.48

Holes for supporting screws are spaced 1 7/16 inches on centers.

Three Point. 5 Amperes, 125 Volts. 3 Amperes, 250 Volts.

Zaderix	2582	6225	S	Open Base	100	.56
Zaderiy	2583	6226	S	Closed base	100	.56

Holes for supporting screws are spaced 1 7/16 inches on centers.



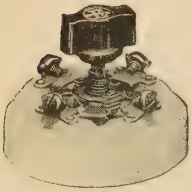
No. 2585.

Three Point. 10 Amperes, 125 Volts. 5 Amperes, 250 Volts.

Zaderiz	2584	6229	S	Open Base	50	.66
Zadero	2585	6230	S	Closed Base	50	.66

Holes for supporting screws are spaced 1 21/32 inches on centers.

"ARROW E" SURFACE SWITCHES.



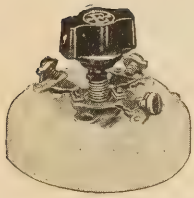
No. 25128.

National Electrical Code Standard. 250 Volts.

Four Point. 5 Amperes, 125 Volts. 2 Amperes, 250 Volts.

Code Word.	List No.	Mfr. No.	Schedule.		Std. Pkg.	List Price Each.
Zacolik	25127	6231	S	Open Base	30	$0.86
Zacolim	25128	6232	S	Closed Base	30	.86

Holes for supporting screws are spaced 1 21/32 inches on centers.

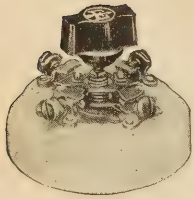


No. 2588.

Two Circuit Electrolier. 5 Amperes, 125 Volts. 2 Amperes, 250 Volts.

Zaderob	2586	6233	S	Open Base	30	.76
Zaderoc	2587	6234	S	Open Base, Indicating.....	30	.86
Zaderod	2588	6235	S	Closed Base	30	.76
Zaderof	2589	6236	S	Closed Base, Indicating....	30	.86

Holes for supporting screws are spaced 1 21/32 inches on centers.



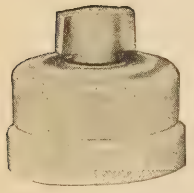
No. 2592.

Three Circuit Electrolier. 5 Amperes, 125 Volts. 2 Amperes, 250 Volts.

Zaderog	2590	6237	S	Open Base	30	.76
Zaderoh	2591	6238	S	Open Base, Indicating.....	30	.86
Zaderok	2592	6239	S	Closed Base	30	.76
Zaderol	2593	6240	S	Closed Base, Indicating....	30	.86

Holes for supporting screws are spaced 1 21/32 inches on centers.

PORCELAIN CAP SWITCHES.



No. 25132.

					Amp. 125 V.	Amp. 250 V.		
Zacolin	25129	6280	S	Single pole, open base...	10	5	30	.64
Zacolip	25130	6282	S	Single pole, closed base..	10	5	30	.64
Zacolir	25131	6284	S	Double pole, open base..	10	10	10	.82
Zacolis	25132	6286	S	Double pole, closed base.	10	10	10	.82
Zacolit	25133	6288	S	Three point, open base..	10	5	10	.82
Zacoliv	25134	6289	S	Three point, closed base.	10	5	10	.82
Zacoliw	25135	6290	S	Four point, open base...	5	2	10	.82
Zacolix	25136	6291	S	Four point, closed base..	5	2	10	.82
Zacoliy	25137	6292	S	2 cir. elec., open base....	5	2	10	.82
Zacoliz	25138	6294	S	2 cir. elec., closed base..	5	2	10	.82
Zacolo	25139	6296	S	3 cir. elec., open base....	5	2	10	.82
Zacolob	25140	6298	S	3 cir. elec., closed base..	5	2	10	.82

Holes for supporting screws are spaced 1 21/32 inches on centers.

No. 25141.

Single Pole. 5 Amperes, 125 Volts. 3 Amperes, 250 Volts.

CLEAT TYPE.

Zacoloc	25141	6260	S	Cleat base.....	100	.36

Holes for supporting screws are spaced 1 11/32 inches on centers.

"ARROW E" SURFACE SWITCHES.

No. 40386.

600 VOLTS.

3 Amperes, Single Pole.

QUADRUPLE BREAK.

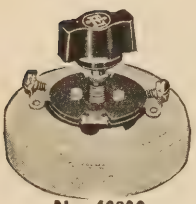
Code Word.	List No.	Mfr. No.	Schedule.		Std. Pkg.	List Price Each.
Zafuroh	40384	6400	S	Open Base	50	$0.54
Zafurok	40385	6401	S	Open Base, Indicating.....	50	.60
Zafurol	40386	6402	S	Closed Base	50	.54
Zafurom	40387	6403	S	Closed Base, Indicating....	50	.60

Holes for supporting screws are spaced 1 7/16 inches on centers.

5 Amperes, Single Pole.

Zafuron	40388	6410	S	Open Base	50	.66
Zafurop	40389	6411	S	Open Base, Indicating.....	50	.76
Zafuror	40390	6412	S	Closed Base	50	.66
Zafuros	40391	6413	S	Closed Base, Indicating...	50	.76

Holes for supporting screws are spaced 1 21/32 inches on centers.



No. 40390.

3 Ampere, 3 Point.

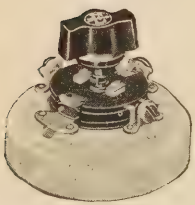
Zafurot	40392	6420	S	Open Base	50	.70
Zafurov	40393	6421	S	Closed Base	50	.70

Holes for supporting screws are spaced 1 7/16 inches on centers.

5 Amperes, 3 Point.

Zafurow	40394	6422	S	Open Base	50	.90
Zafurox	40395	6423	S	Closed Base	50	.90

Holes for supporting screws are spaced 1 21/32 inches on centers.



No. 40395.

5 Amperes, Single Pole, Porcelain Cap.

Zafuroy	40396	6440	S	Open Base	10	.82
Zafuroz	40397	6442	S	Closed Base	10	.82

Holes for supporting screws are spaced 1 21/32 inches on centers.

5 Amperes, 3 Point, Porcelain Cap.

Zafuru	40398	6450	S	Open Base	10	.90
Zafurub	40399	6451	S	Closed Base	10	.90

Holes for supporting screws are spaced 1 21/32 inches on centers.

No. 40400.

No. 40401.

250-VOLT "ARROW E" PENDANT SWITCHES.

National Electrical Code Standard.

6 Amperes, 125 Volts. 3 Amperes, 250 Volts.

Zafuruc	40400	6600	H	Double button.	100	.80
Zafurud	40401	6700	H	Side release....	100	.80

No. 40402.

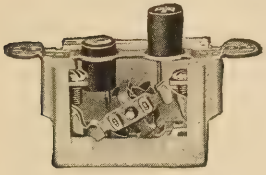
250-VOLT "ARROW E" DOOR SWITCHES.

National Electrical Code Standard.

6 Amperes, 125 Volts. 3 Amperes, 250 Volts.

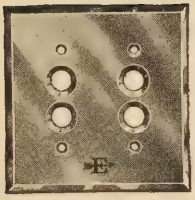
Zafuruf	40402	6550	S	Light on when door is open....	25	2.25
Zafurug	40403	6551	S	Light on when door is closed...	10	2.25

"ARROW E" PUSH BUTTON FLUSH SWITCHES.



No. 2530.

No. 21435.



No. 21440.

No. 2543.

National Electrical Code Standard.

PUSH BUTTON FLUSH SWITCH (1½" DEEP) WITHOUT PLATE.

Code Word.	List No.	Mfr. No.	Schedule.		Amp. 125 V.	Amp. 250 V.	Std. Pkg.	L. Pr. Each.
Zaderag	2530	6500	S	1 pole	10	5	100	$0.72
Zaderah	2531	6501	S	2 pole	10	10	50	1.00
Zaderak	2532	6502	S	3 point	10	5	50	1.00
Zaderal	2533	6503	S	4 point	10	5	10	3.25

PUSH BUTTON LOCK SWITCHES (1½" DEEP) WITHOUT PLATE.

Zegem	21435	6504	S	1 pole	10	5	100	1.22
Zegen	21436	6505	S	2 pole	10	10	50	1.50
Zegep	21437	6506	S	3 point	10	5	50	1.50
Zeger	21438	6507	S	4 point	10	5	10	3.75

One Key is Furnished With Each Switch.

Standard plates can be used with push button lock switches. Outside supporting screw holes, 3 9/32 inches on centers. Inside supporting screw holes 2 13/16 inches on centers. 100 push button switches, all kinds assorted, constitutes a standard package.

FLUSH PLATES FOR PUSH BUTTON FLUSH SWITCHES

In One Horizontal Row.

Nos. 6312* and 6313* plates are pressed out of **extra heavy metal** (060"). They have the **solidity** of solid plates and at the same time they have the advantage of the **hollow back** which in many cases makes possible a better adjustment to the wall.

We will furnish solid plates of the above catalogue numbers if the customer desires and specifies same, but we strongly recommend the advantage of the heavy pressed plates.

These plates must not be confused with No. 6241, 6242 and 6243 which are struck up plates of (.040") metal, sold at lower list price.

HEAVY PRESSED PLATES OF (.060") METAL.

					Holes.
Zeges	21439	*6312	S	For 1 switch, 4½ x 2¾ in. .....†100	.35
Zeget	21440	*6313	S	For 2 switches, 4½ x4 9/16 in. .....†100	.70

SOLID PLATES.

Zaderam	2534	6314	S	For 3 switches, 4½ x6⅜ in. .....†100	1.05
Zaderan	2535	6315	S	For 4 switches, 4½x 8 3/16 in. .....†100	1.40
Zaderap	2536	6316	S	For 5 switches, 4½x 10 in. .....†100	1.75
Zaderar	2537	6317	S	For 6 switches, 4½x 11 13/16 in. .....†100	2.10
Zaderas	2538	6318	S	For 7 switches, 4½x 13⅝ in. .....†100	2.45
Zaderat	2539	6319	S	For 8 switches, 4½x 15 7/16 in. .....†100	2.80

STRUCK-UP PLATES OF (.040") METAL.

In One Horizontal Row.

Zaderav	2540	*6241	S	For 1 switch .....†100	.27
Zaderaw	2541	*6242	S	For 2 switches ....†100	.54
Zaderax	2542	*6243	S	For 3 switches ....†100	.81

TANDEM PUSH BUTTON PLATES. SOLID PLATES.

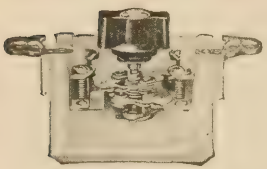
In One Vertical Row.

Zaderay	2543	6320	S	For 2 switches, 8⅛x 2¾ in. .....†100	.70
Zaderaz	2544	6321	S	For 3 switches, 11¾ x2¾ in. .....†100	1.05
Zadere	2545	6322	S	For 4 switches, 15⅜ x2¾ in. .....†100	1.40

†100 Single Plates, or the Equivalent in Gangs, is a Standard Package of Push Button Switch Plates.

"ARROW E" ROTARY FLUSH SWITCHES.

ROTARY FLUSH SWITCHES WITHOUT PLATES.

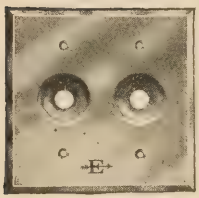


No. 40421.

Code Word.	List No.	Mfr. No.	Schedule.			Amps. 125 Volts.	Amps. 250 Volts.	Std. Pkg.	List Price Each.
Zafusab	40419	6250	S	1	pole	5	3	100	$0.62
Zafusac	40420	6251	S	1	pole 10		5	50	.71
Zafusad	40421	6252	S	2	pole 10		10	50	1.05
Zafusaf	40422	6253	S	3	point	5	3	50	.82
Zafusag	40423	6254	S	3	point 10		5	50	1.05
Zafusah	40424	6255	S	4	point	5	2	10	1.05
Zafusak	40425	6256	S	2	circuit 5		2	10	1.05
Zafusal	40426	6257	S	3	circuit	5	2	10	1.05

FLUSH PLATES FOR ROTARY FLUSH SWITCHES.

In One Horizontal Row.



No. 40428.

No. 6265* plates are pressed out of extra heavy metal (.060"). They have the **solidity** of solid plates and at the same time they have the advantage of the **hollow back** which in many cases makes possible a better adjustment to the wall.

These plates must not be **confused with Catalogue** No. 6245* which are struck-up plates of (.040") metal sold at a **lower** list price.

		No. Switches.				Holes.	
Zafusam	40427	*6265	S	1	4½x 2 3/4	†100	.53
Zafusan	40428	6266	S	2	4½x 4 9/16	†100	1.20
Zafusap	40429	6267	S	3	4½x 6 3/8	†100	1.80
Zafusar	40430	6268	S	4	4½x 8 3/16	†100	2.40
Zafusas	40431	6269	S	5	4½x10	†100	3.00
Zafusat	40432	6270	S	6	4½x11 13/16	†100	3.60
Zafusav	40433	6271	S	7	4½x13 5/8	†100	4.20
Zafusaw	40434	6272	S	8	4½x15 7/16	†100	4.80

Struck-up Plates .040" Metal.

Zafusof	40454	6245	S	1		†100	.40

"ARROW E" ROTARY FLUSH PLATES.

Tandem Rotary Flush Switch Plates. Solid Plates. In One Vertical Row.

No. 40435.

Zafusax	40435	6273	S	2	8⅛x 2 3/4	†100	1.20
Zafusay	40436	6274	S	3	11¾x 2 3/4	†100	1.80
Zafusaz	40437	6275	S	4	15⅜x 2 3/4	†100	2.40

"ARROW E" PORCELAIN SWITCH BASES.

For 5 Ampere Switches.

No. 40443.

Zafuse	40438	6330	H	For cleat work....	100	.05
Zafuseb	40439	6331	H	For concealed work	100	.05
Zafusec	40440	6332	H	For moulding work	100	.05

For 10 Ampere Switches.

Zafused	40441	6335	H	For cleat work....	100	.06
Zafusef	40442	6336	H	For concealed work	100	.06
Zafuseg	40443	6337	H	For moulding work	100	.06

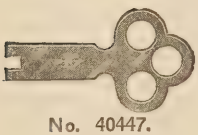
For 5 and 10 Ampere Single Pole Switches.

Zafuseh	40444	6340	H	To be used at the end of moulding.	100	.06

"ARROW E" LOCK ATTACHMENTS.

No. 40446.

Zafusek	40445	6220	S	Universal Lock Attachment with key	100	.22
Zafusel	40446	6221	S	Universal Lock Attachment without key	100	.16
Zafusem	40447	6222	S	Key for Universal Lock Attachments	100	.06
Zafusen	40448	6508	S	Key for Push Button Switch	100	.15



No. 40447.

By substituting this Lock Attachment for the regular handle on any "Arrow E" Rotary Switch, either surface or flush, except Porcelain Caps, Lock Switches may be obtained. By using this Lock Attachment, special plates are not required for Lock Flush Switches.

Zafusep	40450	6555	S	Handle for 5 amp. Pony Switch ...	100	.06
Zafuser	40451	6556	S	Handle for all Surface Switches except 5 amp. Pony	100	.06
Zafuses	40452	6557	S	Handle for Rotary Flush Switches..	100	.06
Zafuset	40453	6558	S	Porcelain Handle..	100	.06

No. 40452.

C. H. PENDANT SWITCHES.

These push button porcelain specialties are made in various standard glazes, enabling a selection of color that will harmonize with almost any surroundings. Standard colors in which each device can be furnished appear opposite the article.

No. 36920.

PORCELAIN PENDANT SWITCHES.

6 Amperes, 125 Volts.—3 Amperes, 250 Volts.

Colors: Plain White, Ivory Tint, Wood Brown, Neutral Gray.

For use with small clusters or fixtures, Cooper-Hewitt lamps, Nernst lamps, enclosed arc lamps, small fans, etc.; and for all classes of service requiring not more than 6 amperes at 125 volts, or 2 amperes at 250 volts.

Code Word.	List No.	Mfr. No.		Std. Pck.	List Price Each.
Zafocog	36920	7000	.....	100	$0.50

No. 36921.

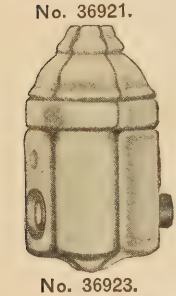
WITH BRASS CAP.

6 Amperes, 125 Volts.—3 Amperes, 250 Volts.

Colors: Plain White, Ivory Tint, Wood Brown, Neutral Gray.

This switch, and switch illustrated on opposite page, are designed for rigid attachment to the bottom of lighting fixtures. They may be used, however, as pendent switches by inserting a standard composition bushing in top of switch to protect cord from abrasion.

Zafocoh	36921	7001	For ⅛ inch pipe.....	100	.55
Zafocok	36922	7002	For ⅜ inch pipe.....	100	.60



No. 36923.

10 Amperes, 125 Volts.—5 Amperes, 250 Volts.

For use with large clusters, ceiling fans, open arc lamps, small motors and for all classes of service requiring not more than 10 amperes at 125 volts, or 5 amperes at 250 volts.

Colors: Plain White, Ivory Tint, Wood Brown, Neutral Gray.

Zafocol	36923	7010	.....	100	.70

No. 36924.

TWO-CIRCUIT PENDANT SWITCH.

Porcelain Body, Brass Cap with Porcelain Bushing.

6 Amperes, 125 Volts.—2 Amperes, 250 Volts.

For use wherever it is desired to control two circuits from one switch. Price on three conductor cord suitable for use with this switch quoted on application.

Colors: Plain White, Ivory Tint, Wood Brown.

Zafocom	36924	7020	.....	50	1.00

No. 36925.

PORCELAIN PENDANT PUSH BUTTON SOCKET.

For Edison Base Lamps.

6 Amperes, 125 Volts.—2 Amperes, 250 Volts.

A particularly good socket to use with Tungsten or other lamps having a delicate fragile filament, as in operating it there is no tendency to tilt the lamp or jar the filament. Takes same shade-holder as other types of porcelain and weatherproof sockets. This socket has the same working parts as our 6 ampere switches and therefore opens and closes the circuit with a much quicker and more positive snap than any other socket, besides having a much larger current carrying and breaking capacity

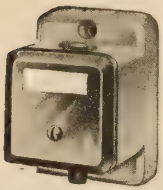
Colors: Plain White, Ivory Tint, Wood Brown.

Zafocon	36925	7400	.....	250	.35

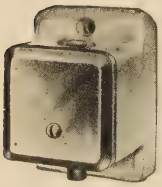
All the Above Packed 10 in a Box.

ALWAYS SPECIFY COLOR DESIRED.

C-H PUSH-BUTTON SURFACE SWITCHES.

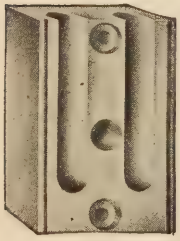


No. 36928.



No. 36929.

No. 36930.



No. 36931.

No. 36932.

STANDARD COLOR PLAIN WHITE, ONLY. STANDARD FINISH OF CAP, POLISHED NICKEL.

5 Amperes, 125 Volts.—3 Amperes, 250 Volts.

These switches are the same width as standard molding and are designed to be mounted upon the molding without the use of a sub-base. When so used they present a much neater appearance than switches that project beyond the edges of the molding. Their size makes it possible to install a number of these switches side by side without leaving space between the lines of molding, while their shape permits the capping to be cut off square instead of having to be whittled out to fit the switch, as in the case of round base switches.

When installed in groups, the use of switches with label holder is recommended, the label affording means of indicating circuit controlled by each switch. See below for sub-bases designed to adapt these switches to various classes of work.

Single Pole.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Pr. Each.
Zafocos	36928	7102	With Label Holder.....	100	$0.35
Zafocot	36929	7103	Without Label Holder..	100	.35

Three Point.

Zafocop	36926	7104	With Label Holder.....	50	.50
Zafocor	36927	7105	Without Label Holder..	50	.50

All the Above Packed 10 in Each Carton.

PORCELAIN SUB-BASES FOR C-H SURFACE SWITCHES.

For Push-Button Switches Nos. 36826, 36927, 36928 and 36929.

STANDARD COLOR PLAIN WHITE, ONLY.

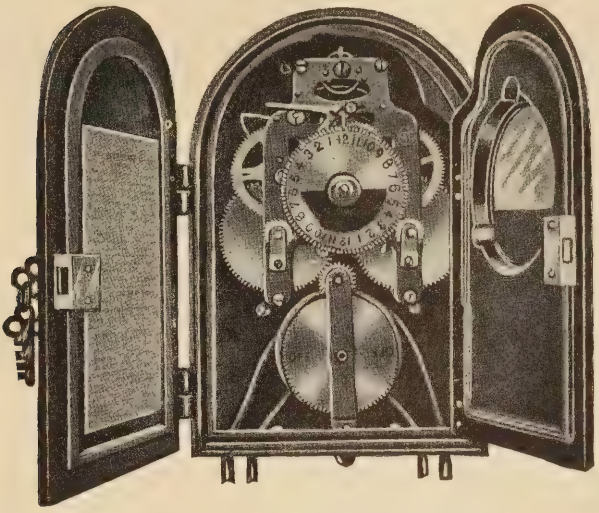
Zafocov	36930	7180	For Open Wiring.....	100	.05
Zafocow	36931	7181	For End of Molding....	100	.05
Zafocox	36932	7182	For Concealed Wiring..	100	.05

The Above Packed 20 In Each Carton.

NOTE.—Standard package discounts will be allowed on an assortment of 100 List Nos. 36928 and 36929, or of 50 List Nos. 36926 and 36927 in unbroken cartons containing 10 each, or on an assortment of 100 sub-bases in unbroken cartons containing 20 each.

HARTFORD AUTOMATIC TIME SWITCH.

250 VOLTS.



The Hartford Automatic Time Switch is a device by which electric current is automatically turned on and off at such times as the user desires, with no further attention than the weekly winding. It consists of a high grade Seth Thomas clock and a standard electric switch so arranged that each, in its operation, is independent of the other. This permits perfect regulation of the clock, and insures accuracy of operation, as the clock has no work to perform other than its proper function of keeping time. The mechanism is enclosed in a dust proof and weatherproof cast iron case, japanned, with double doors, the outer one locking with a sub-treasury lock. The six types described here give a wide range of usefulness, but special switches can be made to suit special requirements. This device has been on the market for some years, and there are many thousands of them in daily use throughout the country.

TYPE "B."

This type throws the switch on and off daily, at the hours for which it is set, without further attention than the weekly winding. It is provided with a cut-out by which the clock and switch can be disconnected, allowing the clock to operate without throwing the switch. It has also a hand trip by which the switch can be operated without disturbing the clock.

TYPE "C."

This type has a device by which the clock and switch are automatically disconnected one day in each week. While designed to omit the switch operation on Sunday, it can be set to disconnect on any day desired. It is also provided with a hand trip for operating the switch.

Type "B."				Type "C."		
Code Word.	List No.	List Price Each.	Description.	Code Word.	List No.	List Price Each.
Zafumus	43408	$24.00	10 ampere single pole	Zafunaf	43419	$26.00
Zafumut	43409	24.00	10 ampere double pole	Zafunag	43420	26.00
Zafumuv	43410	25.00	10 ampere triple pole	Zafunah	43421	27.00
Zafumuw	43411	25.00	20 ampere single pole	Zafunak	43422	27.00
Zafumux	43412	25.00	20 ampere double pole	Zafunal	43423	27.00
Zafumuy	43413	26.00	20 ampere triple pole	Zafunam	43424	28.00
Zafumuz	43414	26.00	35 ampere single pole	Zafunan	43425	28.00
Zafuna	43415	26.00	35 ampere double pole	Zafunap	43426	28.00
Zafunab	43416	27.00	35 ampere triple pole	Zafunar	43427	29.00
Zafunac	43417	29.00	50 ampere single pole	Zafunas	43428	31.00
Zafunad	43418	29.00	50 ampere double pole	Zafunat	43429	31.00

HARTFORD AUTOMATIC TIME SWITCH.

250 VOLTS.

TYPE "D."

This type is similar to Type "B" but is arranged to throw the switch on for two periods each day. It was designed for the special purpose of attracting the attention of theatre crowds to display windows and signs, before and after the performance, and the saving of the current in the interim.

Code Word.	List No		List Price Each.
Zafunav	43430	10 ampere single pole	$26.00
Zafunaw	43431	10 ampere double pole	26.00
Zafunax	43432	10 ampere triple pole	27.00
Zafunay	43433	20 ampere single pole	27.00
Zafunaz	43434	20 ampere double pole	27.00
Zafune	43435	20 ampere triple pole	28.00
Zafuneb	43436	35 ampere single pole	28.00
Zafunec	43437	35 ampere double pole	28.00
Zafuned	43438	35 ampere triple pole	29.00
Zafunef	43439	50 ampere single pole	31.00
Zafuneg	43440	50 ampere double pole	31.00

TYPE "E."

This type is designed for use in connection with two rate meter service, automatically cutting from one meter to another at time desired.

Zafuneh	43441	10 ampere single pole	25.00
Zafunek	43442	10 ampere double pole	25.00
Zafunel	43443	20 ampere single pole	26.00
Zafunem	43444	20 ampere double pole	26.00
Zafunen	43445	35 ampere single pole	27.00
Zafunep	43446	35 ampere double pole	27.00

TYPE "F."

Designed especially for lighting companies to control isolated street lights. Can be mounted inside the base of iron street poles.

Zafunet	43449	10 ampere single pole	25.00
Zafunev	43450	10 ampere double pole	25.00

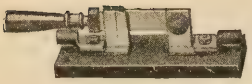
TYPE "G."

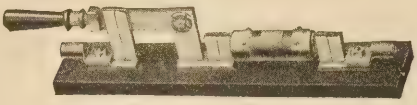
This type is designed to control apartment house hall lighting. It is so arranged that it will throw on the full number of lights in the early evening, and at a later period throw these off, at the same time throwing on a series of a few night lights throwing this second series off at dawn.

Zafunew	43451	10 ampere single pole	27.00
Zafunex	43452	10 ampere double pole	27.00

HILL TYPE "H" SWITCHES.

250 VOLT FRONT CONNECTION.



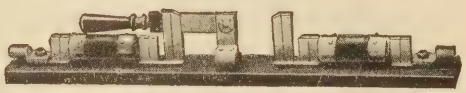


SINGLE POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Vababa	18232	30	2	$0.80	Vababak	18239	400	16	8.00
Vababab	18233	60	3	1.15	Vababal	18240	500	23	10.00
Vababac	18234	80	3	1.50	Vababam	18241	600	26	11.40
Vababad	18235	100	4	2.30	Vababan	18242	800	29	16.60
Vababaf	18236	150	5	3.10	Vababap	18243	1000	33	20.00
Vababag	18237	200	6	3.50	Vababar	18244	1200	38	26.70
Vababah	18238	300	9	5.50	Vababas	18245	1500	42	45.60

SINGLE POLE, SINGLE THROW, FUSED.

Vababat	18246	30	3	1.10	Vababeb	18253	400	25	11.00
Vababav	18247	60	6	1.60	Vababec	18254	500	41	14.00
Vababaw	18248	80	7	2.50	Vababed	18255	600	49	15.00
Vababax	18249	100	8	3.00	Vababef	18256	800	on application	
Vababay	18250	150	10	4.50	Vababeg	18257	1000		
Vababaz	18251	200	12	4.90	Vababeh	18258	1200		
Vababe	18252	300	18	7.60	Vababek	18259	1500		



SINGLE POLE, DOUBLE THROW.

Vababel	18260	30	4	1.25	Vababev	18267	400	21	13.20
Vababem	18261	60	6	1.85	Vababew	18268	500	29	16.50
Vababen	18262	80	6	2.40	Vababex	18269	600	38	18.80
Vababep	18263	100	7	3.70	Vababey	18270	800	47	27.40
Vababer	18264	150	8	5.00	Vababez	18271	1000	56	33.00
Vababes	18265	200	10	5.60	Vababi	18272	1200	64	44.00
Vababet	18266	300	14	9.10	Vababib	18273	1500	74	75.25

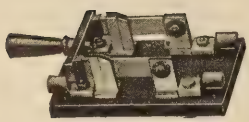
SINGLE POLE, DOUBLE THROW, FUSED.

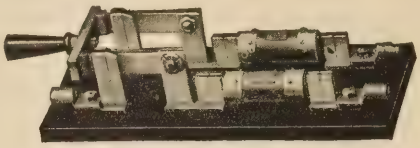
Vababic	18274	30	6	2.40	Vababim	18281	400	31	24.20
Vababid	18275	60	9	3.50	Vababin	18282	500	42	30.80
Vababif	18276	80	9	5.50	Vababip	18283	600	55	33.00
Vababig	18277	100	10	6.60	Vababir	18284	800	on application	
Vababih	18278	150	12	9.90	Vababis	18285	1000		
Vababik	18279	200	15	10.80	Vababit	18286	1200		
Vababil	18280	300	21	16.70	Vababiv	18287	1500		

Switches listed plain finish mounted on black enameled slate bases. Fuses not included. Polished finish add 25%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

250 VOLT FRONT CONNECTION.



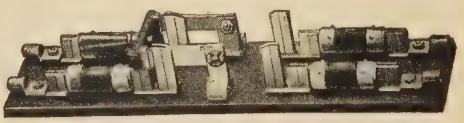


DOUBLE POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varabix	18288	30	3	$1.20	Varabof	18295	400	21	12.00
Varabiy	18289	60	6	1.70	Varabog	18296	500	29	15.00
Varabiz	18290	80	6	2.25	Varaboh	18297	600	38	17.00
Varabo	18291	100	7	3.45	Varabok	18298	800	48	25.00
Varabob	18292	150	8	4.75	Varabol	18299	1000	57	30.00
Varaboc	18293	200	10	5.20	Varabom	18300	1200	64	40.00
Varabod	18294	300	14	8.25	Varabon	18301	1500	75	68.50

DOUBLE POLE. SINGLE THROW, FUSED.

Varabop	18302	30	6	1.65	Varaboy	18309	400	30	16.50
Varabor	18303	60	12	2.50	Varaboz	18310	500	42	21.00
Varabos	18304	80	13	3.75	Varabu	18311	600	55	22.50
Varabot	18305	100	15	4.50	Varabub	18312	800	on application	
Varabov	18306	150	16	6.80	Varabuc	18313	1000		
Varabow	18307	200	18	7.25	Varabud	18314	1200		
Varabox	18308	300	21	11.50	Varabuf	18315	1500		



DOUBLE POLE, DOUBLE THROW.

Varabug	18316	30	7	1.90	Varabur	18323	400	33	19.40
Varabuh	18317	60	14	2.70	Varabus	18324	500	43	24.60
Varabuk	18318	80	15	3.60	Varabut	18325	600	52	28.00
Varabul	18319	100	16	5.50	Varabuv	18326	800	60	41.00
Varabum	18320	150	17	7.60	Varabuw	18327	1000	69	49.40
Varabun	18321	200	19	8.30	Varabux	18328	1200	76	66.00
Varabup	18322	300	25	13.60	Varabuy	18329	1500	87	113.00

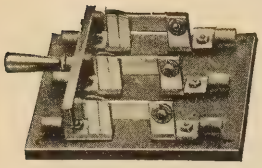
DOUBLE POLE, DOUBLE THROW, FUSED.

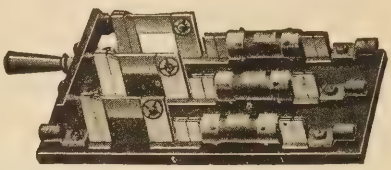
Varabuz	18330	30	9	3.60	Varacah	18337H	400	45	36.30
Varaca	18331	60	18	5.50	Varacak	18338H	500	63	46.00
Varacab	18332H	80	20	8.25	Varacal	18339H	600	75	49.50
Varacac	18333H	100	22	9.90	Varacam	18340H	800	on application	
Varacad	18334H	150	24	15.00	Varacan	18341H	1000		
Varacaf	18335H	200	27	16.00	Varacap	18342H	1200		
Varacag	18336H	300	31	25.20	Varacar	18343H	1500		

Switches listed plain finish mounted on black enameled slate bases. Fuses not included. Polished finish add 25%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

250 VOLT FRONT CONNECTION.



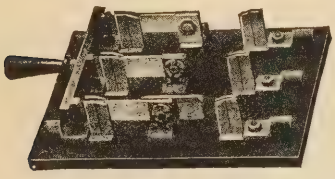


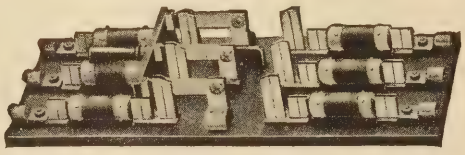
THREE POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varacas	18344H	30	5	$1.80	Varace	18351	400	31	17.80
Varacat	18345H	60	9	2.55	Varaceb	18352	500	42	22.50
Varacav	18346H	80	10	3.40	Varacec	18353	600	55	25.50
Varacaw	18347H	100	12	5.20	Varaced	18354	800	72	37.50
Varacax	18348	150	14	7.10	Varacef	18355	1000	85	45.00
Varacay	18349	200	17	7.80	Varaceg	18356	1200	96	60.00
Varacaz	18350	300	21	12.40	Varaceh	18357	1500	112	102.75

THREE POLE, SINGLE THROW, FUSED.

Varacek	18358	30	9	$2.50	Varacet	18365	400	45	24.75
Varacel	18359	60	18	3.40	Varacev	18366	500	63	31.50
Varacem	18360	80	20	5.60	Varacew	18367	600	82	33.75
Varacen	18361	100	22	6.75	Varacex	18368	800	on application	
Varacep	18362	150	24	10.20	Varacey	18369	1000		
Varacer	18363	200	27	10.85	Varacez	18370	1200		
Varaces	18364	300	31	17.25	Varaci	18371	1500		





THREE POLE, DOUBLE THROW.

Varacib	18372	30	11	3.00	Varacil	18379	400	49	31.20
Varacic	18373	60	21	4.40	Varacim	18380	500	69	39.00
Varacid	18374	80	23	5.80	Varacin	18381	600	78	44.50
Varacif	18375	100	25	8.80	Varacip	18382	800	90	65.50
Varacig	18376	150	27	12.00	Varacir	18383	1000	103	78.60
Varacih	18377	200	30	13.40	Varacis	18384	1200	112	105.00
Varacik	18378	300	38	21.50	Varacit	18385	1500	130	180.00

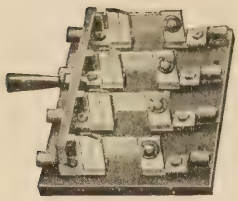
THREE POLE, DOUBLE THROW, FUSED.

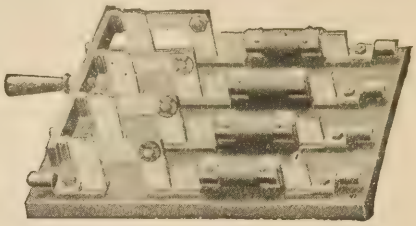
Varaciv	18386	30	14	5.80	Varacoc	18393	400	67	57.75
Varaciw	18387	60	27	8.00	Varacod	18394	500	94	73.50
Varacix	18388	80	30	13.10	Varacof	18395	600	112	78.60
Varaciy	18389	100	33	15.75	Varacog	18396	800	on application	
Varaciz	18390	150	37	23.80	Varacoh	18397	1000		
Varaco	18391	200	41	25.20	Varacok	18398	1200		
Varacob	18392	300	46	40.00	Varacol	18399	1500		

Switches listed plain finish mounted on black enameled slate bases. Fuses not included. Polished finish add 25%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

250 VOLT FRONT CONNECTION.



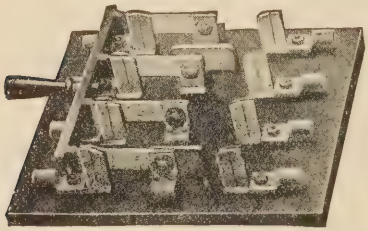


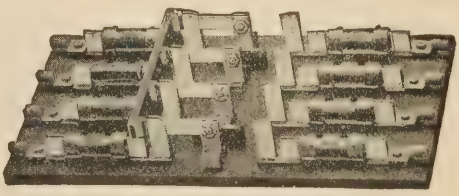
FOUR POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varacom	18400	30	6	$2.70	Varacow	18407	400	42	26.60
Varacon	18401	60	12	3.80	Varacox	18408	500	58	33.50
Varacop	18402	80	13	5.00	Varacoy	18409	600	76	38.25
Varacor	18403	100	14	7.60	Varacoz	18410	800	96	56.20
Varacos	18404	150	17	10.60	Varacu	18411	1000	114	67.50
Varacot	18405	200	20	11.80	Varacub	18412	1200	128	90.00
Varacov	18406	300	28	18.50	Varacuc	18413	1500	150	154.00

FOUR POLE, SINGLE THROW, FUSED.

Varacud	18414	30	12	3.70	Varacun	18321	400	60	37.00
Varacuf	18415	60	24	5.80	Varacup	18422	500	84	47.00
Varacug	18416	80	27	8.40	Varacur	18423	600	110	50.50
Varacuh	18417	100	30	10.10	Varacus	18424	800	on application	
Varacuk	18418	150	33	15.20	Varacut	18425	1000		
Varacul	18419	200	36	16.40	Varacuv	18426	1200		
Varacum	18420	300	42	25.90	Varacuw	18427	1500		





FOUR POLE, DOUBLE THROW.

Varacux	18428	30	14	4.60	Varadaf	18435	400	66	46.50
Varacuy	18429	60	28	6.50	Varadag	18436	500	86	58.60
Varacuz	18430	80	30	8.50	Varadah	18437	600	104	67.00
Varada	18431	100	32	13.00	Varadak	18438	800	120	98.00
Varadab	18432	150	35	18.00	Varadal	18439	1000	138	118.00
Varadac	18433	200	38	20.00	Varadam	18440	1200	152	157.50
Varadad	18434	300	50	32.20	Varadan	18441	1500	174	269.00

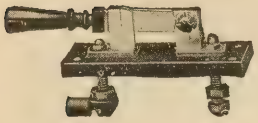
FOUR POLE, DOUBLE THROW, FUSED.

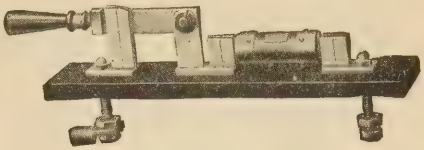
Varadap	18442	30	18	8.60	Varaday	18449	400	90	86.20
Varadar	18443	60	36	13.50	Varadaz	18450	500	126	109.60
Varadas	18444	80	40	19.60	Varade	18451	600	150	117.80
Varadat	18445	100	44	23.50	Varadeb	18452	800	on application	
Varadav	18446	150	49	35.40	Varadec	18453	1000		
Varadaw	18447	200	54	38.20	Varaded	18454	1200		
Varadax	18448	300	62	60.40	Varadef	18455	1500		

Switches listed plain finish mounted on black enameled slate bases. Fuses not included. Polished finish add 25%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

250 VOLT BACK CONNECTION.



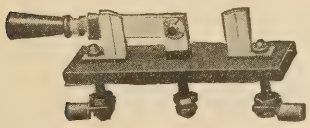


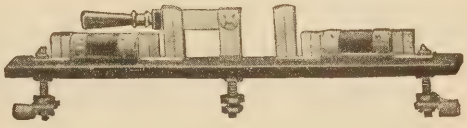
SINGLE POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varadeg	18456	30	1	$1.00	Varader	18463	400	9	9.70
Varadeh	18457	60	2	1.50	Varades	18464	500	12	12.30
Varadek	18458	80	3	1.95	Varadet	18465	600	17	13.75
Varadel	18459	100	3	2.80	Varadev	18466	800	21	20.80
Varadem	18460	150	4	4.00	Varadew	18467	1000	29	25.00
Varaden	18461	200	4	4.50	Varadex	18468	1200	33	34.00
Varadep	18462	300	6	7.00	Varadey	18469	1500	39	55.00

SINGLE POLE, SINGLE THROW, FUSED.

Varadez	18470	30	1	1.30	Varadih	18477	400	9	12.60
Varadi	18471	60	2	2.00	Varadik	18478	500	12	16.30
Varadib	18472	80	2	2.90	Varadil	18479	600	17	17.50
Varadic	18473	100	3	3.50	Varadim	18480H	800	on application	
Varadid	18474	150	4	5.30	Varadin	18481H	1000		
Varadif	18475	200	6	5.80	Varadip	18482H	1200		
Varadig	18476	300	7	9.00	Varadir	18483H	1500		





SINGLE POLE, DOUBLE THROW.

Varadis	18484H	30	1	1.60	Varado	18491H	400	10	16.00
Varadit	18485H	60	2	2.40	Varadob	18492H	500	14	20.30
Varadiv	18486H	80	3	3.10	Varadoc	18493H	600	18	22.70
Varadiw	18487H	100	4	4.50	Varadod	18494	800	24	34.30
Varadix	18488H	150	5	6.40	Varadof	18495	1000	33	41.25
Varadiy	18489H	200	6	7.20	Varadog	18496	1200	38	56.10
Varadiz	18490H	300	8	11.50	Varadoh	18497	1500	42	90.75

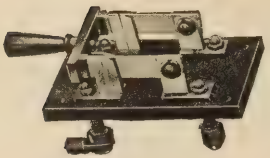
SINGLE POLE, DOUBLE THROW, FUSED.

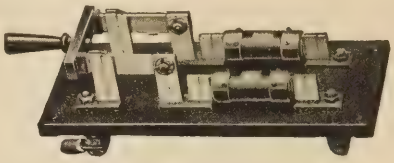
Varadok	18498	30	1	2.90	Varadot	18505	400	14	27.70
Varadol	18499	60	2	4.40	Varadov	18506	500	19	35.80
Varadom	18500	80	3	6.40	Varadow	18507	600	22	38.50
Varadon	18501	100	4	7.70	Varadox	18508	800	on application	
Varadop	18502	150	6	11.70	Varadoy	18509	1000		
Varador	18503	200	7	12.75	Varadoz	18510	1200		
Varados	18504	300	10	19.80	Varadu	18511	1500		

Switches listed plain finish (unmounted or template mounted). Fuses not included. Polished finish add 20%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

250 VOLT BACK CONNECTION.



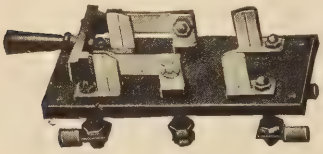


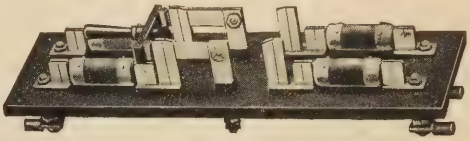
DOUBLE POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varadub	18512	30	2	$1.50	Varadul	18519	400	14	14.50
Varaduc	18513	60	3	2.20	Varadum	18520	500	18	18.50
Varadud	18514	80	3	2.90	Varadun	18521	600	23	20.50
Varaduf	18515	100	4	4.25	Varadup	18522	800	29	31.00
Varadug	18516	150	6	6.00	Varadur	18523	1000	36	37.50
Varaduh	18517	200	8	6.80	Varadus	18524	1200	45	51.00
Varaduk	18518	300	10	10.50	Varadut	18525	1500	52	82.50

DOUBLE POLE. SINGLE THROW, FUSED.

Varaduv	18526	30	5	2.00	Varafac	18533	400	32	19.00
Varaduw	18527	60	6	3.00	Varafad	18534	500	41	24.50
Varadux	18528	80	9	4.40	Varafaf	18535	600	48	26.00
Varaduy	18529	100	11	5.30	Varafag	18536	800	on application	
Varaduz	18530	150	13	8.00	Varafah	18537	1000		
Varafa	18531	200	17	8.80	Varafak	18538	1200		
Varafab	18532	300	23	13.60	Varafal	18539	1500		





DOUBLE POLE, DOUBLE THROW.

Varafam	18540	30	3	2.40	Varafaw	18547	400	19	23.50
Varafan	18541	60	5	3.50	Varafax	18548	500	25	30.50
Varafap	18542	80	7	4.60	Varafay	18549	600	33	33.80
Varafar	18543	100	8	6.80	Varafaz	18550	800	43	51.00
Varafas	18544	150	10	9.60	Varafe	18551	1000	54	61.50
Varafat	18545	200	12	10.80	Varafeb	18552	1200	64	84.00
Varafav	18546	300	15	17.00	Varafec	18553	1500	75	136.00

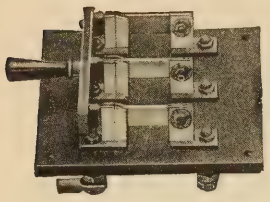
DOUBLE POLE, DOUBLE THROW, FUSED.

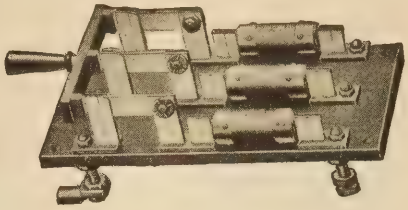
Varafed	18554	30	7	4.40	Varafen	18561	400	66	41.80
Varafef	18555	60	11	6.60	Varafep	18562	500	84	54.00
Varafeg	18556	80	15	9.60	Varafer	18563	600	98	57.00
Varafeh	18557	100	21	11.60	Varafes	18564	800	on application	
Varafek	18558	150	30	17.50	Varafet	18565	1000		
Varafel	18559	200	36	19.25	Varafev	18566	1200		
Varafem	18560	300	45	29.90	Varafew	18567	1500		

Switches listed plain finish (unmounted, or template mounted). Fuses not included. Polished finish add 20%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

250 VOLT BACK CONNECTION.



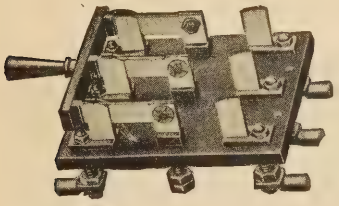


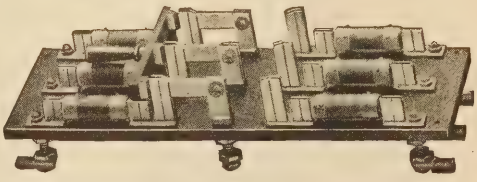
THREE POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varafex	18568	30	2	$2.25	Varafif	18575	400	21	21.80
Varafey	18569	60	4	3.25	Varafig	18576	500	27	27.75
Varafez	18570	80	5	4.40	Varafih	18577	600	35	30.75
Varafi	18571	100	6	6.40	Varafik	18578	800	43	46.50
Varafib	18572	150	9	9.00	Varafil	18579	1000	54	56.25
Varafic	18573	200	12	10.20	Varafim	18580	1200	67	77.00
Varafid	18574	300	15	15.75	Varafin	18581	1500	76	123.75

THREE POLE, SINGLE THROW, FUSED.

Varafip	18582	30	2	3.00	Varafiy	18589	400	26	28.50
Varafir	18583	60	4	4.50	Varafiz	18590	500	36	36.75
Varafis	18584	80	6	6.60	Varafo	18591	600	42	39.00
Varafit	18585	100	8	8.00	Varafob	18592	800	on application	
Varafiv	18586	150	10	12.00	Varafoc	18593	1000		
Varafiw	18587	200	14	13.20	Varafod	18594	1200		
Varafix	18588	300	18	20.40	Varafof	18595	1500		





THREE POLE, DOUBLE THROW.

Varafog	18596	30	3	3.80	Varafor	18603	400	30	37.00
Varafoh	18597	60	6	5.50	Varafos	18604	500	38	47.00
Varafok	18598	80	9	7.50	Varafot	18605	600	49	52.20
Varafol	18599	100	12	10.90	Varafov	18606	800	64	79.00
Varafom	18600	150	15	15.25	Varafow	18607	1000	81	95.50
Varafon	18601	200	18	17.30	Varafox	18608	1200	96	131.00
Varafop	18602	300	23	26.80	Varafoy	18609	1500	112	210.00

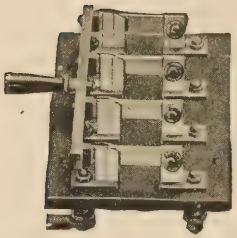
THREE POLE, DOUBLE THROW, FUSED.

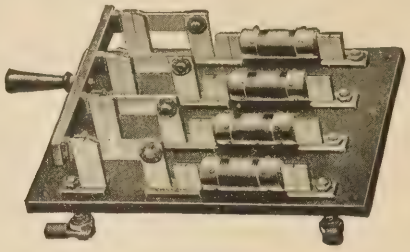
Varafoz	18610	30	3	6.70	Varafuh	18617	400	41	64.00
Varafu	18611	60	6	10.00	Varafuk	18618	500	56	82.50
Varafub	18612	80	10	14.80	Varaful	18619	600	64	87.50
Varafuc	18613	100	14	18.00	Varafum	18620	800	on application	
Varafud	18614	150	18	27.00	Varafun	18621	1000		
Varafuf	18615	200	22	29.60	Varafup	18622	1200		
Varafug	18616	300	30	45.80	Varafur	18623	1500		

Switches listed plain finish (unmounted, or template mounted). Fuses not included. Polished finish add 20%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

250 VOLT BACK CONNECTION.



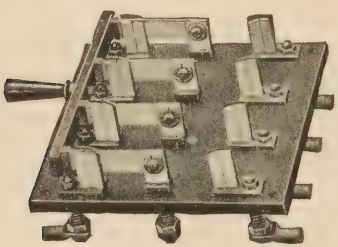


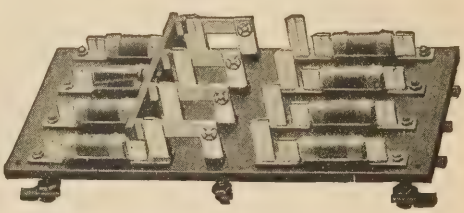
FOUR POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varafus	18624	30	3	$3.30	Varaga	18631	400	28	32.50
Varafut	18625	60	4	4.80	Varagab	18632	500	37	41.60
Varafuv	18626	80	6	6.50	Varagac	18633	600	45	46.20
Varafuw	18627	100	9	9.50	Varagad	18634	800	58	69.50
Varafux	18628	150	12	13.50	Varagaf	18635	1000	72	84.00
Varafuy	18629	200	14	15.20	Varagag	18636	1200	90	114.50
Varafuz	18630	300	18	23.50	Varagah	18637	1500	104	185.00

FOUR POLE, SINGLE THROW, FUSED.

Varagak	18638	30	3	4.50	Varagat	18645	400	33	42.60
Varagal	18639	60	5	6.75	Varagav	18646	500	46	55.00
Varagam	18640	80	7	9.90	Varagaw	18647	600	54	58.50
Varagan	18641	100	10	11.80	Varagax	18648	800	on application	
Varagap	18642	150	13	18.00	Varagay	18649	1000		
Varagar	18643	200	16	19.70	Varagaz	18650	1200		
Varagas	18644	300	24	30.60	Varage	18651	1500		





FOUR POLE, DOUBLE THROW.

Varageb	18652	30	3	5.60	Varagel	18659	400	40	54.00
Varagec	18653	60	6	8.10	Varagem	18660	500	52	70.50
Varaged	18654	80	9	11.00	Varagen	18661	600	64	78.60
Varagef	18655	100	12	16.00	Varagep	18662	800	86	118.00
Varageg	18656	150	14	23.00	Varager	18663	1000	108	142.40
Varageh	18657	200	18	25.80	Varages	18664	1200	128	195.00
Varagek	18658	300	27	40.00	Varaget	18665	1500	150	314.00

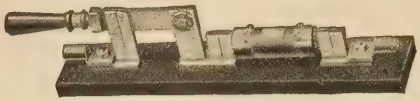
FOUR POLE, DOUBLE THROW, FUSED.

Varagev	18666	30	4	10.10	Varagic	18673	400	56	95.60
Varagew	18667	60	8	15.10	Varagid	18674	500	75	124.00
Varagex	18668	80	12	22.20	Varagif	18675	600	86	131.00
Varagey	18669	100	16	26.50	Varagig	18676	800	on application	
Varagez	18670	150	20	40.50	Varagih	18677	1000		
Varagi	18671	200	28	44.30	Varagik	18678	1200		
Varagib	18672	300	39	68.80	Varagil	18679	1500		

Switches listed plain finish (unmounted, or template mounted). Fuses not included. Polished finish add 20%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

600 VOLT FRONT CONNECTION.

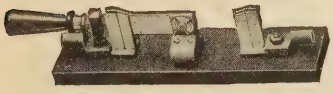


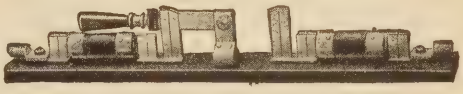
SINGLE POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varagim	18680	30	4	$1.00	Varagiw	18687	400	12	10.00
Varagin	18681	60	4	1.45	Varagix	18688	500	15	12.50
Varagip	18682	80	5	1.85	Varagiy	18689	600	18	14.25
Varagir	18683	100	6	2.85	Varagiz	18690	800	38	20.75
Varagis	18684	150	7	3.90	Varago	18691	1000	44	25.00
Varagit	18685	200	8	4.35	Varagob	18692	1200	50	33.35
Varagiv	18686	300	10	6.85	Varagoc	18693	1500	56	57.00

SINGLE POLE, SINGLE THROW, FUSED.

Varagod	18694	30	6	1.35	Varagon	18701	400	20	13.75
Varagof	18695	60	7	2.00	Varagop	18702	500	28	17.50
Varagog	18696	80	7	3.10	Varagor	18703	600	36	18.75
Varagoh	18697	100	8	3.75	Varagos	18704	800	on application	
Varagok	18698	150	10	5.60	Varagot	18705	1000		
Varagol	18699	200	12	6.10	Varagov	18706	1200		
Varagom	18700	300	15	9.50	Varagow	18707	1500		





SINGLE POLE, DOUBLE THROW.

Varagox	18708	30	5	1.50	Varaguf	18715	400	21	16.50
Varagoy	18709	60	6	2.30	Varagug	18716	500	26	20.60
Varagoz	18710	80	6	3.00	Varaguh	18717	600	32	23.50
Varagu	18711	100	9	4.60	Varaguk	18718	800	63	34.25
Varagub	18712	150	11	6.25	Varagul	18719	1000	74	41.25
Varaguc	18713	200	13	7.00	Varagum	18720	1200	85	55.00
Varagud	18714	300	15	11.35	Varagun	18721	1500	98	94.05

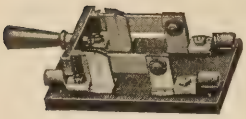
SINGLE POLE, DOUBLE THROW, FUSED.

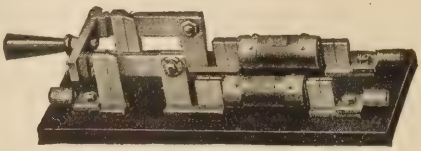
Varagup	18722	30	14	3.00	Varaguy	18729	400	47	30.25
Varagur	18723	60	16	4.35	Varaguz	18730	500	60	38.50
Varagus	18724	80	18	6.85	Varaha	18731	600	68	41.25
Varagut	18725	100	20	8.25	Varahab	18732	800	on application	
Varaguv	18726	150	24	12.35	Varahac	18733	1000		
Varaguw	18727	200	28	13.50	Varahad	18734	1200		
Varagux	18728	300	33	20.85	Varahaf	18735	1500		

Switches listed plain finish mounted on black enameled slate bases. Fuses not included. Polished finish add 25%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

600 VOLT FRONT CONNECTION.



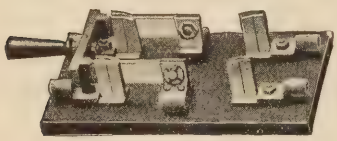


DOUBLE POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varahag	18736	30	8	$1.50	Vahahar	18743	400	27	15.00
Varahah	18737	60	10	2.10	Varahas	18744	500	35	18.75
Varahak	18738	80	10	2.80	Varahat	18745	600	43	21.25
Varahal	18739	100	12	4.30	Varahav	18746	800	64	31.25
Varaham	18740	150	14	5.90	Varahaw	18747	1000	76	37.50
Varahan	18741	200	17	6.50	Varahax	18748	1200	85	50.00
Varahap	18742	300	20	10.30	Varahay	18749	1500	100	85.60

DOUBLE POLE, SINGLE THROW, FUSED.

Varahaz	18750	30	12	2.05	Varaheh	18757	400	39	20.60
Varahe	18751	60	14	3.10	Varahek	18758	500	48	26.25
Varaheb	18752	80	16	4.65	Varahel	18759	600	59	28.10
Varahec	18753	100	19	5.60	Varahem	18760	800	on application	
Varahed	18754	150	22	8.50	Varahen	18761	1000		
Varahef	18755	200	27	9.05	Varahep	18762	1200		
Varaheg	18756	300	32	14.35	Varaher	18763	1500		



DOUBLE POLE, DOUBLE THROW.

Varahes	18764	30	12	2.35	Varahi	18771	400	48	24.25
Varahet	18765	60	14	3.40	Varahib	18772	500	57	30.75
Varahev	18766	80	16	4.50	Varahic	18773	600	69	35.00
Varahew	18767	100	20	6.85	Varahid	18774	800	80	51.25
Varahex	18768	150	23	9.50	Varahif	18775	1000	92	61.75
Varahey	18769	200	29	10.35	Varahig	18776	1200	101	82.50
Varahez	18770	300	34	17.00	Varamuv	19127	1500	116	141.25

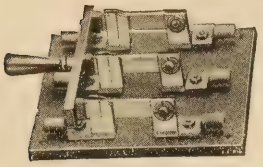
DOUBLE POLE, DOUBLE THROW, FUSED.

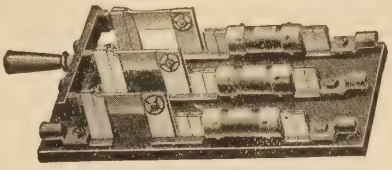
Varahih	18777	30	24	4.50	Varahis	18784	400	87	45.35
Varahik	18778	60	28	6.85	Varahit	18785	500	109	57.50
Varahil	18779	80	30	10.30	Varahiv	18786	600	119	61.85
Varahim	18780	100	37	12.35	Varahiw	18787	800	on application	
Varahin	18781	150	46	18.75	Varahix	18788	1000		
Varahip	18782	200	55	20.00	Varahiy	18789	1200		
Varahir	18783	300	62	31.50	Varahiz	18790	1500		

Switches listed plain finish mounted on black enameled slate bases. Fuses not included. Polished finish add 25%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

600 VOLT FRONT CONNECTION.



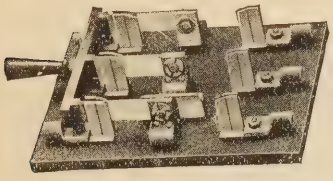


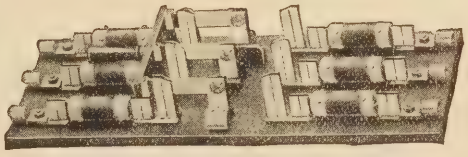
THREE POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varaho	18791	30	12	$2.25	Varahok	18798	400	44	22.25
Varahob	18792	60	14	3.20	Varahol	18799	500	53	28.10
Varahoc	18793	80	16	4.25	Varahom	18800	600	60	31.85
Varahod	18794	100	19	6.50	Varahon	18801	800	96	46.85
Varahof	18795	150	23	8.85	Varahop	18802	1000	113	56.25
Varahog	18796	200	26	9.75	Varahor	18803	1200	128	75.00
Varahoh	18797	300	31	15.50	Varahos	18804	1500	149	128.40

THREE POLE, SINGLE THROW, FUSED.

Varahot	18805	30	21	3.10	Varahub	18812	400	64	30.90
Varahov	18806	60	24	4.25	Varahuc	18813	500	79	39.35
Varahow	18807	80	26	7.00	Varahud	18814	600	91	42.15
Varahox	18808	100	32	8.40	Varahuf	18815	800	on application	
Varahoy	18809	150	35	12.75	Varahug	18816	1000		
Varahoz	18810	200	41	13.55	Varahuh	18817	1200		
Varahu	18811	300	48	21.55	Varahuk	18818	1500		





THREE POLE, DOUBLE THROW.

Varahul	18819	30	20	3.75	Varahuv	18826H	400	68	39.00
Varahum	18820	60	22	5.50	Varahuw	18827H	500	83	48.75
Varahun	18821H	80	25	7.25	Varahux	18828	600	97	55.60
Varahup	18822H	100	29	11.00	Varahuy	18829	800	120	81.85
Varahur	18823H	150	34	15.00	Varahuz	18830	1000	137	98.25
Varahus	18824H	200	41	16.75	Varaka	18831	1200	149	131.25
Varahut	18825H	300	47	26.85	Varakab	18832	1500	173	225.00

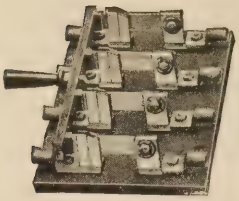
THREE POLE, DOUBLE THROW, FUSED.

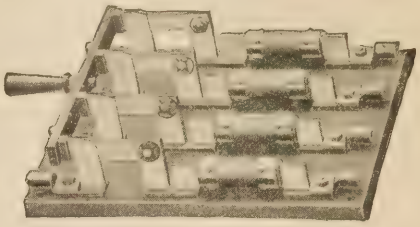
Varakac	18833	30	38	7.25	Varakam	18840	400	126	72.15
Varakad	18834	60	42	10.00	Varahan	18841	500	147	91.85
Varakaf	18835	80	46	16.35	Varakap	18842	600	178	98.25
Varakag	18836	100	51	19.65	Varakar	18843	800	on application	
Varakah	18837	150	67	29.75	Varakas	18844	1000		
Varakak	18838	200	75	31.50	Varakat	18845	1200		
Varakal	18839	300	89	50.00	Varakav	18846	1500		

Switches listed plain finish mounted on black enameled slate bases. Fuses not included. Polished finish add 25%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

600 VOLT FRONT CONNECTION.



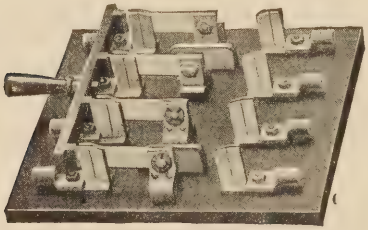


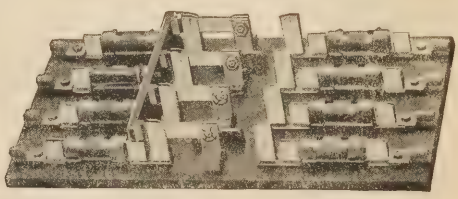
FOUR POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varakaw	18847	30	19	$3.35	Varaked	18854	400	59	33.25
Varakax	18848	60	21	4.75	Varakef	18855	500	71	41.85
Varakay	18849	80	23	6.25	Varakeg	18856	600.	83	47.80
Varakaz	18850	100	26	9.50	Varakeh	18857	800	128	70.25
Varake	18851	150	29	13.25	Varakek	18858	1000	152	84.35
Varakeb	18852	200	36	14.75	Varakel	18859	1200	170	112.50
Varakec	18853	300	42	23.10	Varakem	18860	1500	200	192.50

FOUR POLE, SINGLE THROW, FUSED.

Varaken	18861	30	28	4.60	Varakex	18868	400	93	46.25
Varakep	18862	60	33	7.25	Varakey	18869	500	117	58.75
Varaker	18863	80	37	10.50	Varakez	18870	600	131	63.10
Varakes	18864	100	41	12.60	Varaki	18871	800	on application	
Varaket	18865	150	45	19.00	Varakib	18872	1000		
Varakev	18866	200	53	20.50	Varakic	18873	1200		
Varakew	18867	300	67	32.35	Varakid	18874	1500		





FOUR POLE, DOUBLE THROW.

Varakif	18875	30	30	5.75	Varakip	18882	400	88	58.10
Varakig	18876	60	33	8.10	Varakir	18883	500	109	73.25
Varakih	18877	80	36	10.60	Varakis	18884	600	133	83.75
Varakik	18878	100	41	16.25	Varakit	18885	800	160	122.50
Varakil	18879	150	47	22.50	Varakiv	18886	1000	184	147.50
Varakim	18880	200	55	25.00	Varakiw	18887	1200	202	196.85
Varakin	18881	300	63	40.25	Varakix	18888	1500	232	336.25

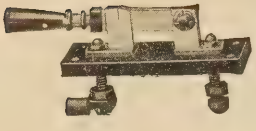
FOUR POLE, DOUBLE THROW, FUSED.

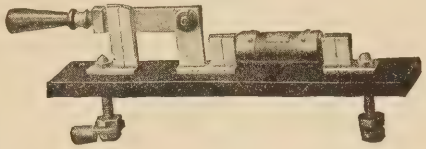
Varakiy	18889	30	58	10.75	Varakog	18896	400	167	107.75
Varakiz	18890	60	63	16.85	Varakoh	18897	500	207	137.00
Varako	18891	80	67	24.50	Varakok	18898	600	235	147.25
Varakob	18892	100	74	29.35	Varakol	18899	800	on application	
Varakoc	18893	150	89	44.25	Varakom	18900	1000		
Varakod	18894	200	102	47.75	Varakon	18901	1200		
Varakof	18895	300	127	75.50	Varakop	18902	1500		

Switches listed plain finish mounted on black enameled slate bases. Fuses not included. Polished finish add 25%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

600 VOLT BACK CONNECTION.



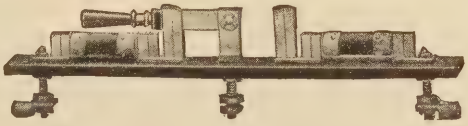


SINGLE POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varakor	18903	30	2	$1.25	Varakoz	18910	400	8	12.10
Varakos	18904	60	2	1.85	Varaku	18911	500	10	15.35
Varakot	18905	80	3	2.45	Varakub	18912	600	12	17.15
Varakov	18906	100	4	3.50	Varakuc	18913	800	28	26.00
Varakow	18907	150	4	5.00	Varakud	18914	1000	38	31.25
Varakox	18908	200	5	5.60	Varakuf	18915	1200	44	42.50
Varakoy	18909	300	6	8.75	Varakug	19816	1500	52	68.75

SINGLE POLE, SINGLE THROW, FUSED.

Varakuh	18917	30	2	1.60	Varakus	18924	400	10	15.75
Varakuk	18918	60	2	2.50	Varakut	18925	500	12	20.35
Varakum	18919	80	3	3.60	Varakuv	18926	600	15	21.85
Varakul	18920	100	4	4.35	Varakuw	18927	800	on application	
Varakun	18921	150	4	6.60	Varakux	18928	1000		
Varakup	18922	200	5	7.25	Varakuy	18929	1200		
Varakur	18923	300	7	11.25	Varakuz	18930	1500		



SINGLE POLE, DOUBLE THROW.

Varalá	18931	30	3	2.00	Varalak	18938	400	11	20.00
Varalab	18932	60	3	3.00	Varalal	18939	500	14	25.35
Varalac	18933	80	4	3.85	Varalam	18940	600	17	28.35
Varalad	18934	100	4	5.60	Varalan	18941	800	32	42.85
Varalaf	18935	150	5	8.00	Varalap	18942	1000	44	51.55
Varalag	18936	200	6	9.00	Varalar	18943	1200	50	70.10
Varalah	18937	300	8	14.35	Varalas	18944	1500	56	113.40

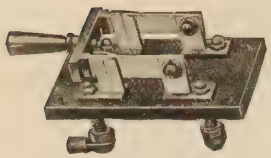
SINGLE POLE, DOUBLE THROW, FUSED.

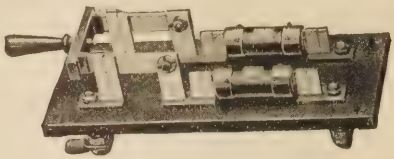
Varalat	18945	30	3	3.60	Varaleb	18952	400	14	34.60
Varalav	18946	60	3	5.50	Varalec	18953	500	20	44.70
Varalaw	18947	80	4	8.00	Varaled	18954	600	25	48.10
Varalax	18948	100	5	9.60	Varalef	18955	800	on application	
Varalay	18949	150	6	14.60	Varaleg	18956	1000		
Varalaz	18950	200	8	15.90	Varaleh	18957	1200		
Varale	18951	300	10	24.75	Varalek	18958	1500		

Switches listed plain finish (unmounted or template mounted). Fuses not included. Polished finish add 20%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

600 VOLT BACK CONNECTION.



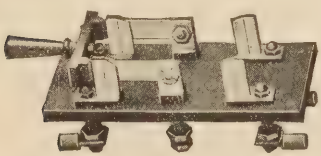


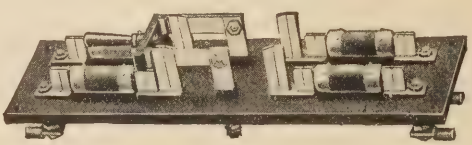
DOUBLE POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varalel	18959	30	4	$1.85	Varalev	18966	400	16	18.10
Varalem	18960	60	4	2.75	Varalew	18967	500	22	23.10
Varalen	18961	80	5	3.60	Varalex	18968	600	28	25.60
Varalep	18962	100	5	5.30	Varaley	18969	800	38	38.75
Varaler	18963	150	6	7.50	Varalez	18970	1000	48	46.85
Varales	18964	200	8	8.50	Varali	18971	1200	60	63.75
Varalet	18965	300	10	13.10	Varalib	18972	1500	69	103.10

DOUBLE POLE, SINGLE THROW, FUSED.

Varalic	18973	30	3	2.50	Varalim	18980	400	19	23.75
Varalid	18974	60	4	3.75	Varalin	18981	500	25	30.60
Varalif	18975	30	5	5.50	Varalip	18982	600	31	32.50
Varalig	18976	100	6	6.60	Varalir	18983	800	on application	
Varalih	18977	150	7	10.00	Varalis	18984	1000		
Varalik	18978	200	9	11.00	Varalit	18985	1200		
Varalil	18979	300	14	17.00	Varaliv	18986	1500		





DOUBLE POLE, DOUBLE THROW.

Varaliw	18987	30	4	3.00	Varalod	18994	400	22	29.35
Varalix	18988	60	5	4.35	Varalof	18995	500	29	38.10
Varaliy	18989	80	5	5.75	Varalog	18996	600	35	42.25
Varaliz	18990	100	7	8.50	Varaloh	18997	800	57	63.75
Varalo	18991	150	8	12.00	Varalok	18998	1000	72	76.85
Varalob	18992	200	11	13.50	Varalol	18999	1200	85	105.00
Varaloc	18993	300	15	21.25	Varalom	19000	1500	100	170.00

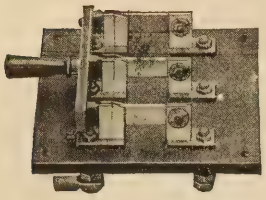
DOUBLE POLE, DOUBLE THROW, FUSED.

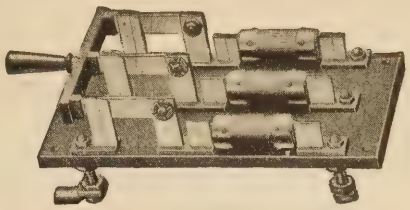
Varalon	19001	30	6	5.50	Varalox	19008	400	29	52.25
Varalop	19002	60	6	8.25	Varaloy	19009	500	43	67.50
Varalor	19003	80	7	12.00	Varaloz	19010	600	49	71.25
Varalos	19004	100	8	14.50	Varalu	19011	800	on application	
Varalot	19005	150	11	21.85	Varalub	19012	1000		
Varalov	19006	200	15	24.05	Varaluc	19013	1200		
Varalow	19007	300	22	37.35	Varalud	19014	1500		

Switches listed plain finish (unmounted, or template mounted). Fuses not included. Polished finish add 20%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

600 VOLT BACK CONNECTION.



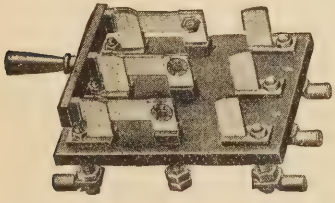


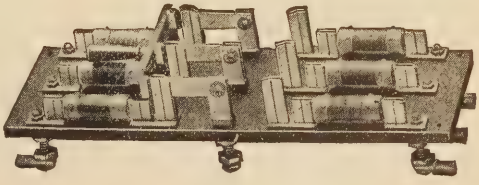
THREE POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varaluf	19015	30	6	$2.80	Varalup	19022	400	33	27.25
Varalug	19016	60	6	4.05	Varalur	19023	500	35	34.65
Varaluh	19017	80	7	5.50	Varalus	19024	600	41	38.40
Varaluk	19018	100	9	8.00	Varalut	19025	800	57	58.10
Varalul	19019	150	12	11.25	Varaluv	19026	1000	72	70.30
Varalum	19020	200	16	12.75	Varaluw	19027	1200	89	96.25
Varalun	19021	300	24	19.60	Varalux	19028	1500	101	154.70

THREE POLE, SINGLE THROW, FUSED.

Varaluy	19029	30	6	3.75	Varamag	19036	400	28	35.60
Varaluz	19030	60	7	5.60	Varamah	19037H	500	37	45.90
Varama	19031	80	7	8.25	Varamak	19038H	600	45	48.75
Varamab	19032	100	9	10.00	Varamal	19039	800	on application	
Varamac	19033	150	11	15.00	Varamam	19040	1000		
Varamad	19034	200	15	16.60	Varaman	19041	1200		
Varamaf	19035	300	21	25.50	Varamap	19042	1500		





THREE POLE, DOUBLE THROW.

Varamar	19043	30	6	4.75	Varamaz	19050	400	41	46.25
Varamas	19044	60	7	6.85	Varame	19051	500	49	58.75
Varamat	19045	80	9	9.35	Varameb	19052	600	57	65.25
Varamav	19046	100	10	13.60	Varamec	19053	800	85	98.75
Varamaw	19047	150	17	19.05	Varamed	19054	1000	108	119.35
Varamax	19048	200	25	21.60	Varamef	19055	1200	128	163.75
Varamay	19049	300	33	33.50	Varameg	19056	1500	149	262.50

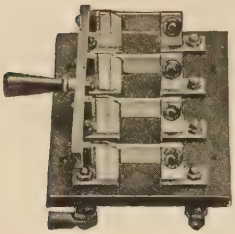
THREE POLE, DOUBLE THROW, FUSED.

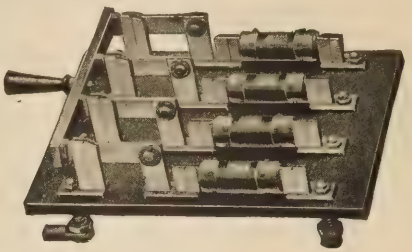
Varameh	19057	30	9	8.35	Varames	19064	400	43	80.00
Varamek	19058	60	9	12.50	Varamet	19065	500	61	103.10
Varamel	19059	80	10	18.50	Varamev	19066	600	72	109.35
Varamem	19060	100	12	22.50	Varamew	19067	800	on application	
Varamen	19061	150	17	33.75	Varamex	19068	1000		
Varamep	19062	200	21	37.00	Varamey	19069	1200		
Varamer	19063	300	30	57.25	Varamez	19070	1500		

Switches listed plain finish (unmounted, or template mounted). Fuses not included. Polished finish add 20%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

600 VOLT BACK CONNECTION.



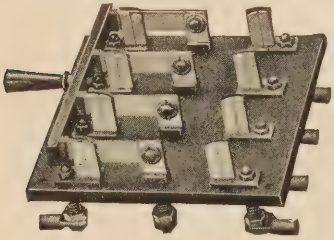


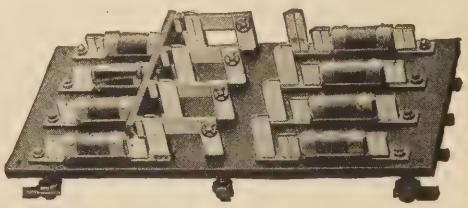
FOUR POLE, SINGLE THROW.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varami	19071	30	7	$4.10	Varamik	19078	400	30	40.60
Varamib	19072	60	8	6.00	Varamil	19079	500	42	52.00
Varamic	19073	80	8	8.10	Varamim	19080	600	51	57.75
Varamid	19074	100	10	11.85	Varamin	19081	800	67	86.85
Varamif	19075	150	12	16.85	Varamip	19082	1000	96	105.00
Varamig	19076	200	15	19.00	Varamir	19083	1200	120	143.10
Varamih	19077	300	22	29.35	Varamis	19084	1500	138	231.25

FOUR POLE, SINGLE THROW, FUSED.

Varamit	19085	30	7	5.60	Varamob	19092	400	38	53.25
Varamiv	19086	60	8	8.40	Varamoc	19093	500	51	68.75
Varamiw	19087	80	8	12.35	Varamod	19094	600	61	73.10
Varamix	19088	100	10	14.75	Varamof	19095	800	on application	
Varamiy	19089	150	13	22.50	Varamog	19096	1000		
Varamiz	19090	200	18	24.60	Varamoh	19097	1200		
Varamo	19091	300	25	38.25	Varamok	19098	1500		





FOUR POLE, DOUBLE THROW.

Varamol	19099	30	8	7.00	Varamov	19106	400	46	67.50
Varamom	19100	60	9	10.10	Varamow	19107	500	61	88.10
Varamon	19101	80	11	13.75	Varamox	19108	600	77	98.25
Varamop	19102	100	14	20.00	Varamoy	19109	800	114	147.50
Varamor	19103	150	17	28.75	Varamoz	19110	1000	144	178.00
Varamos	19104	200	23	32.25	Varamu	19111	1200	170	243.75
Varamot	19105	300	31	50.00	Varamub	19112	1500	200	392.50

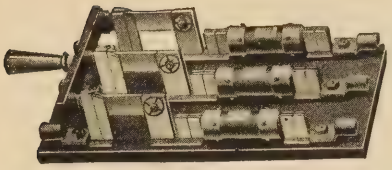
FOUR POLE, DOUBLE THROW, FUSED.

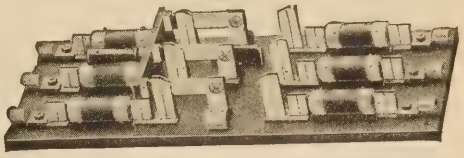
Varamuc	19113	30	10	12.60	Varamum	19120	400	61	119.50
Varamud	19114	60	12	18.85	Varamun	19121	500	83	155.00
Varamuf	19115	80	14	27.75	Varamup	19122	600	99	163.75
Varamug	19116	100	20	33.10	Varamur	19123	800	on application	
Varamuh	10117	150	27	50.60	Varamus	19124	1000		
Varamuk	19118	200	35	55.35	Varamut	19125	1200		
Varamul	19119	300	43	86.00	Varamuv	19126	1500		

Switches listed plain finish (unmounted, or template mounted). Fuses not included. Polished finish add 20%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

500 VOLT A. C. FRONT CONNECTION.



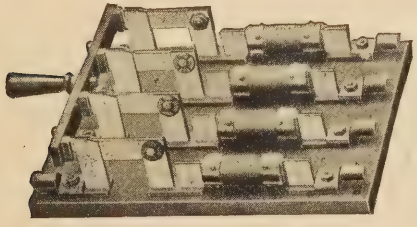


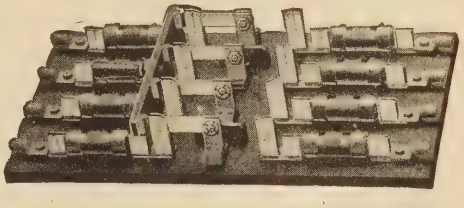
THREE POLE, SINGLE THROW, FUSED.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varapal	19239	30	16	$3.75	Varapav	19246	400	53	29.80
Varapam	19240	60	18	4.80	Varapaw	19247	500	67	38.10
Varapan	19241	80	18	7.50	Varapax	19248	600	75	41.25
Varapap	19242	100	20	8.50	Varapay	19249	800	on application	
Varapar	19243	150	25	12.70	Varapaz	19250	1000		
Varapas	19244	200	29	13.50	Varape	19251	1200		
Varapat	19245	300	37	20.60	Varapeb	19252	1500		

THREE POLE, DOUBLE THROW, FUSED.

Varapec	19253	20	30	8.70	Varapem	19260	400	87	69.30
Varaped	19254	60	34	11.20	Varapen	19261	500	119	88.80
Varapef	19255	80	34	17.50	Varapep	19262	600	143	96.25
Varapeg	19256	100	38	19.70	Varaper	19263	800	on application	
Varapeh	19257	150	48	29.60	Varapes	19264	1000		
Varapek	19258	200	55	31.50	Varapet	19265	1200		
Vaparel	19259	300	63	48.20	Varapev	19266	1500		





FOUR POLE, SINGLE THROW, FUSED.

Varapew	19267	30	20	5.60	Varapid	19274	400	67	44.50
Varapex	19268	60	24	8.20	Varapif	19275	500	89	57.20
Varapey	19269	80	28	12.00	Varapig	19276	600	107	62.00
Varapez	19270	100	30	12.70	Varapih	19277	800	on application	
Varapi	19271	150	36	18.90	Varapik	19278	1000		
Varapib	19272	200	42	20.25	Varapil	19279	1200		
Varapic	19273	300	49	30.80	Varapim	19280	1500		

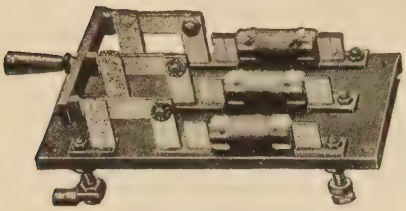
FOUR POLE, DOUBLE THROW, FUSED.

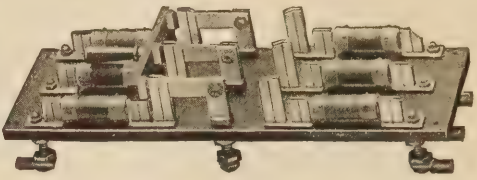
Varapin	19281	30	48	13.00	Varapix	19288	400	128	104.00
Varapip	19282	60	52	19.00	Varapiy	19289	500	164	133.40
Varapir	19283	80	60	28.50	Varapiz	19290	600	200	144.40
Varapis	19284	100	64	29.50	Varapo	19291	800	on application	
Varapit	19285	150	66	44.10	Varapob	19292	1000		
Varapiv	19286	200	78	47.25	Varapoc	19293	1200		
Varapiw	19287	300	92	71.80	Varapod	19294	1500		

Switches listed plain finish mounted on black enameled slate bases. Fuses not included. Polished finish add 25%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL TYPE "H" SWITCHES.

500 VOLT A. C. BACK CONNECTION.



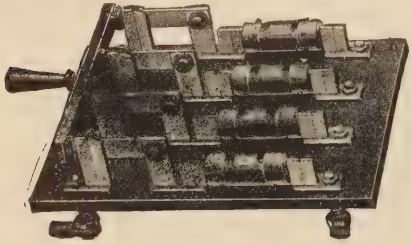


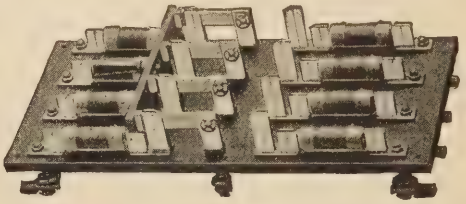
THREE POLE, SINGLE THROW, FUSED.

Code Word.	List No.	Amperes.	Weight.	List Price Each.	Code Word.	List No.	Amperes.	Weight.	List Price Each.
Varapof	19295	30	10	$4.50	Varapop	19302	400	35	32.75
Varapog	19296	60	11	6.30	Varapor	19303	500	44	40.50
Varapoh	19297	80	14	8.40	Varapos	19304	600	55	43.75
Varapok	19298	100	15	9.25	Varapot	19305	800	on application	
Varapol	19299	150	17	14.00	Varapov	19306	1000		
Varapom	19300	200	21	14.90	Varapow	10307	1200		
Varapon	19301	300	27	22.00	Varapox	19308	1500		

THREE POLE, DOUBLE THROW, FUSED.

Varapoy	19309	30	14	10.00	Varapug	19316	400	47	73.20
Varapoz	19310	60	16	14.00	Varapuh	19317	500	61	93.25
Varapu	19311	80	17	19.00	Varapuk	19318	600	77	99.40
Varapub	19312	100	19	20.80	Varapul	19319	800	on application	
Varapuc	19313	150	23	31.60	Varapum	19320	1000		
Varapud	19314	200	27	33.50	Varapun	19321	1200		
Varapuf	19315	300	39	49.60	Varapup	19322	1500		





FOUR POLE, SINGLE THROW, FUSED.

Varapur	19323	30	14	6.75	Varapuz	19330	400	55	48.20
Varapus	19324	60	18	9.50	Varara	19331	500	67	60.80
Varaput	19325	80	19	13.00	Vararab	19332	600	89	65.70
Varapuv	19326	100	23	13.90	Vararac	19333	800	on application	
Varapuw	19327	150	25	20.90	Vararad	19334	1000		
Varapux	19328	200	31	22.30	Vararaf	19335	1200		
Varapuy	19329	300	41	32.90	Vararag	19336	1500		

FOUR POLE, DOUBLE THROW, FUSED.

Vararah	19337	30	15	15.00	Vararas	19344	400	72	109.00
Vararak	19338	60	17	21.00	Vararat	19345H	500	91	137.50
Vararal	19339	80	19	29.00	Vararav	19346H	600	116	148.00
Vararam	19340	100	25	31.10	Vararaw	19347H	800	on application	
Vararan	19341	150	29	47.00	Vararax	19348H	1000		
Vararap	19342	200	34	50.20	Vararay	19349H	1200		
Vararar	19343	300	54	74.00	Vararaz	19350	1500		

Switches listed plain finish (unmounted, or template mounted). Fuses not included. Polished finish add 20%. Double break add 50%. Quick break attachments, see elsewhere. Spade handles, see elsewhere. Spade handles regularly furnished on 600 amps. switches and over. Switches will be fused handle end at regular price when so ordered.

HILL SWITCHES.

STYLE D.

National Electrical Code Standard.

1100 Volt. 2500 Volt.

Finish—D., Polished.
D. F., Polished.
D. B., Parts on Front of Board Polished.

Bases—D., Blue Vermont Marble.
D. F., Slate Templates.
D. B., Slate Templates.

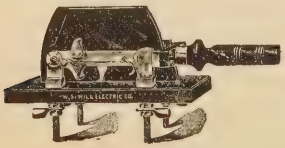
Barriers—D., D. F., D. B., Hardwood, Fine Black Finish.

Extra for Marble Barriers:

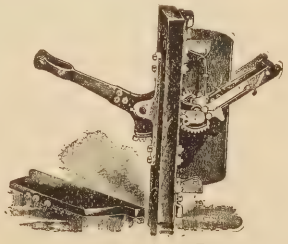
D. P. S. T., $3.90 T. P. S. T., $7.80 D. P. D. T., $5.10 T. P. D. T., $10.15

STYLE D.
1100 Volt.

Code Word.	List No.		Weight.	Amperes.	List Price Each.
Suhah	39595	S. P. S. T.	9	100	$10.90
Suhak	39596	S. P. S. T.	12	200	13.25
Suhal	39597	S. P. S. T.	16	300	18.00
Suham	39598	S. P. D. T.	18	100	14.80
Suhan	39599	S. P. D. T.	22	200	18.00
Suhap	39600	S. P. D. T.	30	300	26.50
Suhar	39601	D. P. S. T.	20	100	21.00
Suhas	39602	D. P. S. T.	28	200	24.00
Suhat	39603	D. P. S. T.	35	300	33.50
Suhaw	39604	D. P. D. T.	35	100	28.90
Suhax	39605	D. P. D. T.	50	200	35.90
Suhaz	39606	D. P. D. T.	65	300	49.20
Suhe	39607	T. P. S. T.	30	100	31.20
Suheb	39608	T. P. S. T.	42	200	36.70
Suhec	39609	T. P. S. T.	53	300	51.00
Suhed	39610	T. P. D. T.	52	100	43.70
Suhef	39611	T. P. D. T.	75	200	52.00
Suheg	39612	T. P. D. T.	95	300	74.00
				2500 Volt.	
Sabmih	41930	S. P. S. T.	11	100	11.70
Sabmik	41931	S. P. S. T.	15	200	14.80
Sabmil	41932	S. P. S. T.	20	300	19.50
Sabmim	41933	S. P. D. T.	23	100	16.40
Sabmin	41934	S. P. D. T.	28	200	20.30
Sabmip	41935	S. P. D. T.	37	300	28.90
Sabmir	41936	D. P. S. T.	25	100	22.60
Sabmis	41937	D. P. S. T.	35	200	27.30
Sabmit	41938	D. P. S. T.	43	300	36.70
Sabmiw	41939	D. P. D. T.	43	100	32.00
Sabmix	41940	D. P. D. T.	62	200	39.80
Sabmiz	41941	D. P. D. T.	81	300	55.00
Sabmo	41942	T. P. S. T.	37	100	35.10
Sabmob	41943	T. P. S. T.	52	200	41.40
Sabmoc	41944	T. P. S. T.	65	300	57.00
Sabmod	41945	T. P. D. T.	65	100	49.20
Sabmof	41946	T. P. D. T.	95	200	61.00
Sabmog	41947	T. P. D. T.	120	300	83.00



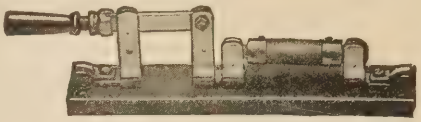
STYLE DF.
Style DF Same Prices as Style D.



STYLE DB.
Style DB Prices on Application.

HILL TYPE "E" SWITCHES.

250 AND 600 VOLT FRONT CONNECTION.



SINGLE POLE, SINGLE THROW.

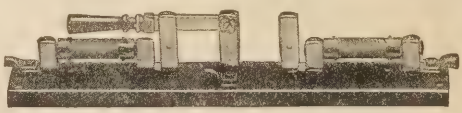
250 Volts.

Code Word.	List No.	Amperes.	Weight.	List Price.
Suho	39644	30	1	$0.45
Suhob	39645	60	3	0.85
Suhoc	39646	100	4	1.70
Suhod	39647	200	6	3.10
		600 Volts.		
Varanif	19175	30	2	0.60
Varanig	19176	60	6	1.15
Sabler	42054	100	10	2.20
Sables	42055	200	14	3.90

SINGLE POLE, SINGLE THROW FUSED.

250 Volts.

Suhoh	39650	30	4	0.75
Suhok	39651	60	7	1.20
Suhol	39652	100	9	2.70
Suhom	39653	200	12	4.50
		600 Volts.		
Varanih	19177	30	8	1.25
Varanik	19178	60	10	2.15
Sablex	42058	100	15	4.00
Sablez	42059	200	18	5.60



SINGLE POLE, DOUBLE THROW.

250 Volts.

Suhor	39656	30	5	0.85
Suhos	39657	60	6	1.60
Suhot	39658	100	7	3.15
Suhow	39659	200	10	5.00
		600 Volts.		
Varanil	19179	30	8	1.20
Varanim	19180	60	10	2.10
Sablic	42062	100	15	4.20
Sablid	42063	200	18	6.25

SINGLE POLE, DOUBLE THROW FUSED.

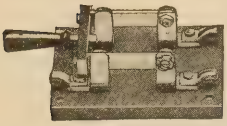
250 Volts.

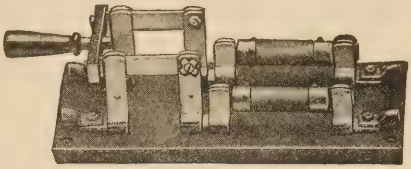
Suhu	39662	30	6	1.45
Suhub	39663	60	7	2.45
Suhuc	39664	100	8	4.90
Suhud	39665	200	12	9.90
		600 Volts.		
Varanin	19181	30	12	2.10
Varanip	19182	60	16	3.65
Sablih	42066	100	18	7.30
Sablik	42067	200	21	12.35

Switches listed Plain Finish mounted on Flowed Black Slate. Polished not made. Double Break not made. Back Connection not made. Quick Break not made. All double throw switches are furnished with high clip so the handle will clear the fuses. Single throw switches with high clips add 10% to list. Single throw switches fuse handle end add 15% to list. Four pole switches twice double pole list. Fuses not included. Single throw switches with low clips will be shipped unless otherwise ordered.

HILL TYPE "E" SWITCHES.

250 AND 600 VOLT FRONT CONNECTION.





DOUBLE POLE, SINGLE THROW.

250 Volts.

Code Word.	List No.	Amperes.	Weight.	List Price
Suhuh	39668	30	4	$0.70
Suhuk	39669	60	6	1.25
Suhul	39670	100	7	2.50
Suhum	39671	200	10	4.75

600 Volts.

Sablah	42070	30	9	0.90
Sablak	42071	60	12	1.70
Sablal	42072	100	16	3.30
Sablam	42073	200	21	5.90

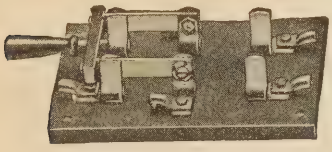
DOUBLE POLE, SINGLE THROW FUSED.

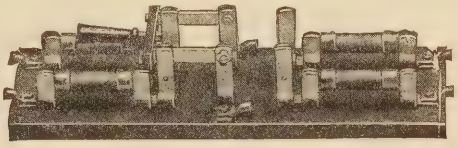
250 Volts.

Suhur	39674	30	7	1.15
Suhus	39675	60	8	1.80
Suhut	39676	100	10	4.00
Suhuw	39677	200	15	6.80

600 Volts.

Sablar	42076	30	12	1.90
Sablas	42077	60	18	4.20
Sablat	42078	100	27	6.00
Sablaw	42079	200	40	8.50





DOUBLE POLE, DOUBLE THROW.

250 Volts.

Suka	39680	30	8	1.25
Sukab	39681	60	9	2.40
Sukac	39682	100	12	4.70
Sukad	39683	200	15	7.60

600 Volts.

Sable	42082	30	12	1.70
Sableb	42084	60	18	3.20
Sablec	42089	100	27	6.20
Sabled	42085	200	40	9.50

DOUBLE POLE, DOUBLE THROW FUSED.

250 Volts.

Sukah	39686	30	14	2.20
Sukak	39687	60	18	3.65
Sukal	39688	100	20	7.30
Sukam	39689	200	22	15.00

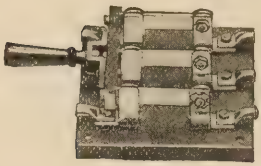
600 Volts.

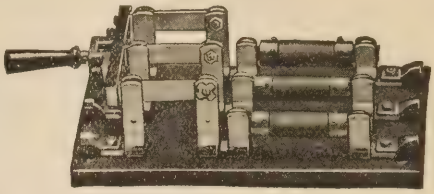
Sableh	42088	30	18	3.25
Sablek	42089	60	23	5.40
Sablel	42090	100	30	10.80
Sablem	42091	200	45	18.75

Switches listed Plain Finish mounted on Flowed Black Slate. Polished not made. Double Break not made. Back Connection not made. Quick Break not made. All double throw switches are furnished with high clip so the handle will clear the fuses. Single throw switches with high clips add 10% to list. Single throw switches fuse handle end add 15% to list. Four pole switches twice double pole list. Fuses not included. Single throw switches with low clips will be shipped unless otherwise ordered.

HILL TYPE "E" SWITCHES.

250 AND 600 VOLT FRONT CONNECTION.





THREE POLE, SINGLE THROW.

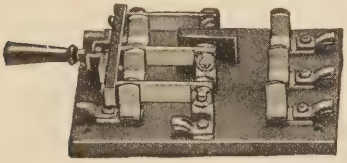
250 Volts.

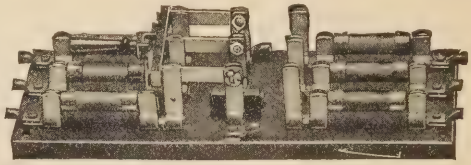
Code Word.	List No.	Amperes.	Weight.	List Price.
Sukar	39692	30	6	$1.00
Sukas	39693	60	9	1.90
Sukat	39694	100	12	3.75
Sukaw	39695	200	15	7.10
		600 Volts.		
Sabku	42094	30	14	1.60
Sabkub	42095	60	18	2.90
Sabkuc	42096	100	23	5.80
Sabkud	42097	200	30	8.85

THREE POLE, SINGLE THROW FUSED.

250 Volts.

Suke	39698	30	10	1.75
Sukue	39699	60	13	2.85
Sukec	39700	100	18	6.30
Suked	39701	200	20	10.20
		600 Volts.		
Sabkuh	42100	30	23	3.40
Sabkuk	42101	60	27	3.75
Sabkul	42102	100	36	10.80
Sabkum	42103	200	45	12.75





THREE POLE, DOUBLE THROW.

250 Volts.

Sukeh	39704	30	10	2.00
Sukek	39705	60	13	3.70
Sukel	39706	100	18	7.20
Sukem	39707	200	20	12.00
		600 Volts.		
Sabkur	42105	30	23	3.70
Sabkus	42106	60	27	6.75
Sabkut	42107	100	36	13.50
Sabkuw	42108	200	45	15.00

THREE POLE, DOUBLE THROW FUSED.

250 Volts.

Suker	39710	30	20	3.65
Sukes	39711	60	24	6.10
Suket	39712	100	28	12.20
Sukew	39713	200	35	23.80
		600 Volts.		
Sabla	42111	30	28	5.70
Sablah	42112	60	35	9.50
Sablac	42113	100	45	19.00
Sablad	42114	200	60	29.75

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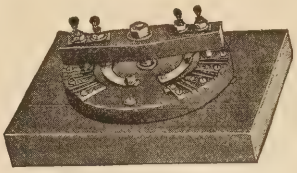
HILL VOLTMETER SWITCHES.

National Electrical Code Standard.
250 Volt.

Front.



Back.

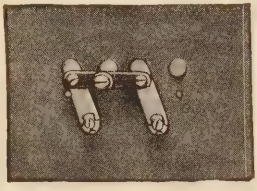
STYLE X.

Code Word.	List No.	Circuits.	List Price Each
Sulun	39852	4	$16.00
Sulup	39853	6	18.00
Sulur	39854	8	21.80
Sulus	39855	10	27.30
Sulut	39856	12	32.80

In ordering, state thickness of board on which voltmeter switch is to be mounted.

Style X Hill Voltmeter Switches are constructed so that the voltage reading of any number of circuits can be taken with but one voltmeter. These switches may be used with voltmeters of any standard make.

Finish.—All metal parts of switch showing on face of board are finished in heavy polished copper plate. Other finishes may be furnished as desired. Prices for same quoted on application.



STYLE XA, SINGLE POLE.

Suluw	39857	2	1.55

STYLE XA, DOUBLE POLE.

Sulux	39858	2	2.75

Style X Switches can be furnished having from 14 to 30 circuits. Prices on Application. No bases are furnished.

HILL FUSE HOLDERS.

National Electric Code System.

No. 9292.

250 VOLTS.

Code Word.	List No.	Amperes.	List Price
Zadapun	9292	30	$0.25

600 VOLTS.

Zadapup	2993	30	.35

No. 9294

250 VOLTS.

Zadapur	9294	60	.40

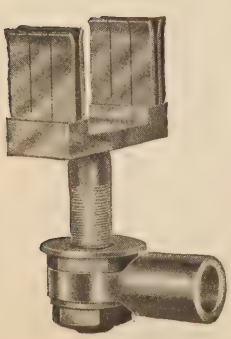
600 VOLTS.

Zadapus	9295	60	.50

No. 9298.

250 AND 600 VOLTS.

Zadaput	9296	100	1.00
Zadapuv	9297	200	1.50
Zadapuw	9298	400	2.75
Zadapux	9299	600	4.25
Zadarab	9303	800	8.00
Zadarac	9304	1000	12.00



No. 9301.

250 AND 600 VOLTS.

Zadapuy	9300	800	8.00
Zadapuz	9301	1000	9.00
Zadara	9302	1200	10.00
Zadarad	9305	1600	20.00
Zadaraf	9306	2000	28.00

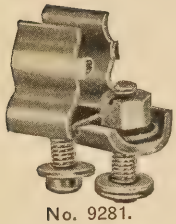
Studs long enough for 2-inch board.

Polished Finish.

Plain, 5% reduction.

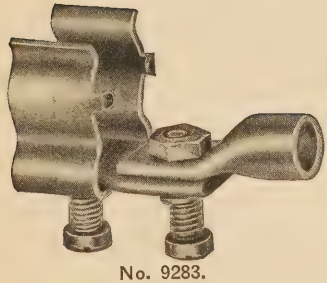
HILL FUSE HOLDERS.

National Electric Code Standard.



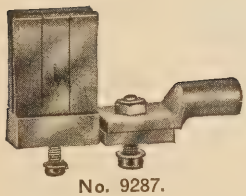
No. 9281.

Code Word.	List No.	Amperes.	List Price Each.
		250 VOLTS.	
Zadapu	9281	30	$0.16
		600 VOLTS.	
Zadapub	9282	30	.20
		250 VOLTS.	
Zadapuc	9283	60	.28
		600 VOLTS.	
Zadapud	9284	60	.32



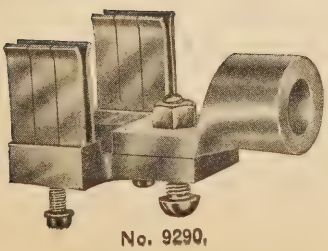
No. 9283.

		250 AND 600 VOLTS.	
Zadapuf	9285	100	.55
Zadapug	9286	200	1.10
Zadapuh	9287	400	3.00
Zadapuj	9288	600	4.50
Zadapun	9294	800	8.00
Zadapup	9295	1000	12.00



No. 9287.

		250 AND 600 VOLTS.	
Zadapuk	9289	800	5.00
Zadapul	9290	1000	6.00
Zadapum	9291	1200	7.00
Zadapur	9292	1600	15.00
Zadapus	9293	2000	18.00



No. 9290.

Screws will be sent short, so that board must be counterbored, unless otherwise ordered.

Plain Finish Listed. Polished, 30% extra.

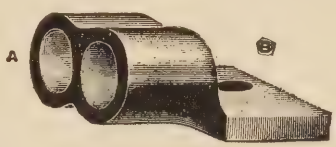
HILL STANDARD COPPER TERMINALS.

National Electrical Code Standard.

Code Word.	List No.	A			B	List Price Each.
Sutub	41379	1/8	wire	hole	1/4	$0.08
Sutuc	41380	3/16	wire	hole	1/4	.09
Sutud	41381	1/4	wire	hole	1/4	.11
Sutuf	41382	3/8	wire	hole	1/4	.19
Sutug	41383	1/2	wire	hole	11/32	.39
Sutuh	41384	5/8	wire	hole	11/32	.58
Sutuk	41385	3/4	wire	hole	9/16	.78
Sutul	41386	1	wire	hole	9/16	1.17
Sutum	41387	1 1/4	wire	hole	9/16	1.55
Sutun	41388	1 1/2	wire	hole	9/16	2.35
Sutup	41389	1 3/4	wire	hole	2 holes 9/16	3.12
Sutur	41390	2	wire	hole	2 holes 9/16	3.90

Round End furnished when so specified.

HILL TWIN WIRE TERMINALS.



Sutus	41391	1/8	wire	hole	1/4	.12
Sutut	41392	3/16	wire	hole	1/4	.14
Sutuw	41393	1/4	wire	hole	1/4	.18
Sutux	41394	3/8	wire	hole	9/16	.30
Sutuz	41395	1/2	wire	hole	9/16	.59
Suva	41396	5/8	wire	hole	9/16	.88
Suvab	41397	3/4	wire	hole	9/16	1.17
Suvac	41398	1	wire	hole	2 holes 9/16	1.75
Suvad	41399	1 1/4	wire	hole	2 holes 9/16	2.34
Suvaf	41400	1 1/2	wire	hole	4 holes 9/16	3.50
Suvag	41401	1 3/4	wire	hole	4 holes 9/16	4.68
Suvah	41402	2	wire	hole	4 holes 9/16	5.85

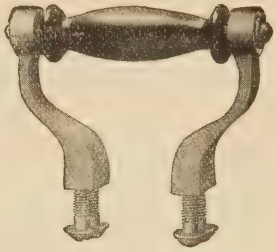
Right Angle terminals and terminals of 45 degrees.

Use list price for twin wire terminals.

Note.—In ordering, state size of wire or cable to be used and amperes of current, also size of hole for bolt or stud in flat end. State whether solid or stranded wire.

SPADE HANDLES.

Style X.



Style Y.

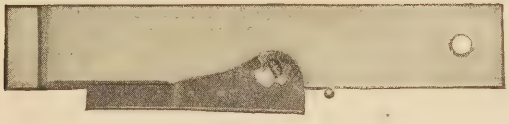
	List Price. Plain.	Polished.
30 to 60 Amperes	$0.50	$0.75
80 to 200 Amperes	.75	1.00
300 to 600 Amperes	1.05	1.60
800 to 1500 Amperes	2.00	2.50

FIRE UNDERWRITERS RULE.

Auxiliary Break or the equivalent are recommended for switches designed for over 300 volts and less than 100 amperes, and will be required on switches designed for use in breaking current greater than 100 amperes at a pressure of more than 300 volts.

QUICK BREAK ATTACHMENTS.

250 Volt.—600 Volt.



PRICE EACH BLADE.

Single Throw.

	30a	60a	80a	100a	150a	200a	300a	400a	500a	600a
Plain	$0.55	$0.60	$0.70	$0.75	$0.85	$0.90	$1.05	$1.20	$1.35	$1.50
Polished	.70	.75	.90	.95	1.00	1.10	1.30	1.50	1.70	1.85

Double Throw.

Plain	1.10	1.20	1.40	1.50	1.70	1.80	2.10	2.40	2.70	3.00
Polished	1.40	1.50	1.80	1.90	2.00	2.20	2.60	3.00	3.40	3.70

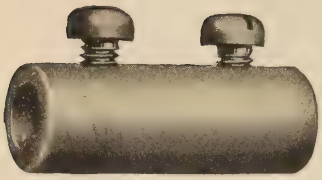
Quick Break Attachment for larger switches, price on application.

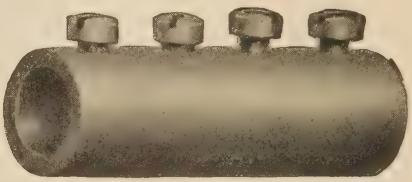
HILL LUGS AND CONNECTORS.

STRAIGHT WIRE CONNECTORS.

National Electrical Code Standard.

TWO SCREWS.





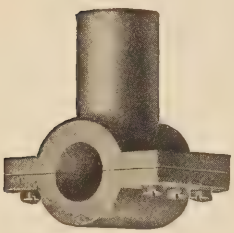
Code Word.	List No.	Std. Pkg.	Outside Diam.	Diam. Wire Hole.	Size Wire.	List Price Per 100.
Suvel	41831	100	1/4 in.	* 3/32	No. 12 and 14 wire	$5.85
Suvem	41832	100	5/16 in.	* 9/64	No. 8 and 10 wire	6.65
Suven	41833	100	3/8 in.	*11/64	No. 6 wire	7.40
Suvep	41834	100	7/16 in.	* 7/32	No. 4 wire	8.60
Suver	41835	100	1/2 in.	*17/64	No. 2 wire	11.70
Suves	41836	50	9/16 in.	*11/32	No. 1-0 wire	12.90
Suvet	41837	50	5/8 in.	* 3/8	No. 2-0 wire	14.00

FOUR SCREWS.

Suvew	41838	50	9/16 in.	*11/32	No. 1-0 wire	20.00
Suvex	41839	50	5/8 in.	* 3/8	No. 2-0 wire	22.50
Suvez	41840	00	3/4 in.	31/64	No. 3-0 wire	30.00
Suvi	41841	00	7/8 in.	17/32	No. 4-0 wire	40.00
Suvib	41842	00	1 in.	41/64	300,000 c. m.	50.00
Suvic	41843	00	1 1/8 in.	49/64	400,000 c. m.	60.00
Suvid	41844	00	1 1/2 in.	1 in.	600,000 c. m.	90.00

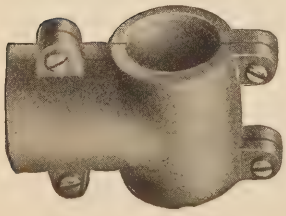
*Sizes for Solid Wire.
Broken Packages, 20% extra.
Connectors will be drilled for stranded wire when so specified, without extra charge.

BUS BAR CONNECTORS.



SOLID T.

Code Word.	List No.	Main.	Branch.	Each.
Sutod	41363	1/4	1/4 or less	.40
Sutof	41364	3/8	3/8 or less	.60
Sutog	41365	1/2	1/2 or less	.85
Sutoh	41366	5/8	5/8 or less	1.00
Sutok	41367	3/4	3/4 or less	1.30
Sutol	41368	1	1 or less	1.55
Sutom	41369	1 1/4	1 1/4 or less	2.10
Suton	41370	1 1/2	1 1/2 or less	3.10



SPLIT T.

Sutop	41371	1/4	1/4 or less	.50
Sutor	41372	3/8	3/8 or less	.75
Sutos	41373	1/2	1/2 or less	1.00
Sutot	41374	5/8	5/8 or less	1.30
Sutow	41375	3/4	3/4 or less	1.55
Sutox	41376	1	1 or less	1.90
Sutoz	41377	1 1/4	1 1/4 or less	2.50
Sutu	41378	1 1/2	1 1/2 or less	3.75

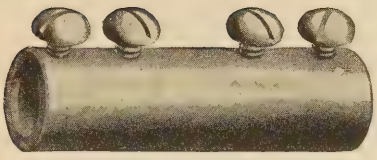
When ordering, **Specify Size Wire** to be used in Main and Branches, and state whether solid or stranded.
Example:—100 Solid T. Connectors No. 41365. Main for 1/2 in. solid wire. Branches for 2-0 stranded wire.

WIRE CONNECTORS.

No. 200 (Full Size).

With Two Set Screws.

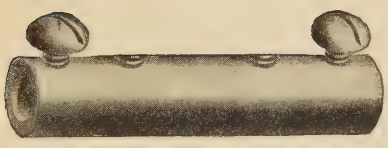
Code Word.	List No.		Std Pkg.	List Price Each.
Fingram	200	For Nos. 12 and 14 wire, 1-16 in. hole..	100	$ .05
Fingrio	201	For Nos. 10 and 8 wire, 5-32 in. hole..	100	.06
Finial	202	For Nos. 6 and 7 wire, 3-16 in. hole..	100	.07
Finicking	203	For Nos. 4 and 5 wire, 7-32 in. hole..	100	.08
Finient	204	For Nos. 2 and 3 wire, 9-32 in. hole..	100	.10
Finific	205	For Nos. 0 and 1 wire, 11-32 in. hole.	50	.12
Finikin	206	For No. 00 wire, ⅜ in. hole	50	.14



No. 207 (Full Size).

With Four Set Screws.

Fining	207	For Nos. 4 and 5 wire, 7-32 in. hole..	100	.09
Finis	208	For Nos. 2 and 3 wire, 3-32 in. hole..	100	.11
Finish	209	For Nos. 0 and 1 wire, 11-32 in. hole.	50	.13
Finished	210	For No. 00 wire, ⅜ in. hole	50	.15
Polvilhos	211	For No. 000 wire, 7-16 in. hole.....	50	.22
Polviscolo	212	For No. 0000 wire, ½ in. hole.....	50	.28



No. 310 (Full Size).

Brooklyn Connectors.

Finisher	310	¼-inch hole each end for No. 6 wire.....	50	.11
Finishing	311	One end 19-64 inch hole for No. 4 wire. Other end ¼-in. hole for No. 6 wire.....	50	.12
Finishment	312	19-64-inch hole each end for No. 4 wire.	50	.12

A dividing wall prevents melted solder from running through.

BRASS CLEATS.

No. 15100 (Full Size).

No. 15102 (Full Size).

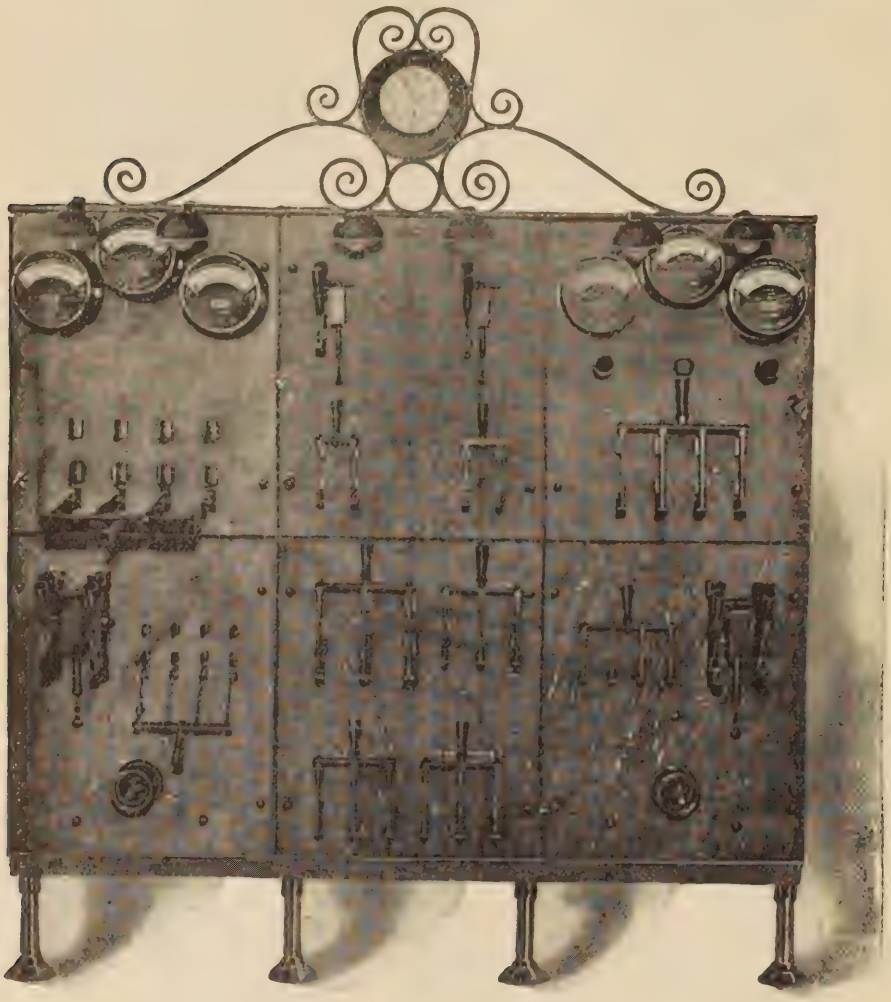
For Car Wiring.

Code Word.	List No.		List Price per 1000
Flamant	18436	Brass Cleat, for 3-16 inch diameter wire	6.50
Flamb	15100	Brass Cleat, for ⅜-inch diameter wire	8.00
Flammation	15103	Brass Cleat, for ½-inch diameter wire	10.00
Flammeous	15108	Brass Cleat, for 11-16-inch diameter wire.....	15.00
Flammule	15102	Brass Corner Cleat, for ⅜-inch diameter wire.....	7.50
Flanerie	15104	Brass Corner Cleat, for ½-inch diameter wire.....	8.00
Flanked	18437	Brass Corner Cleat, for 11-16-inch diameter wire.....	12.50

SWITCHBOARDS.

FOR

LIGHTING AND POWER SERVICE. DIRECT AND ALTERNATING CURRENT.



All of these Boards are shipped ready for service except the instruments, which are separately packed for shipment. The equipment is of the rear connection type, so that all wiring connections are made on the rear, leaving only the working parts on the front of Board. Switches and parts are polished, and these Boards, as a whole, are made in the most approved and substantial manner. In addition to the few Standard Generator Panels shown, we will make special Boards of all kinds. Send your specifications or plans, or write us a description of what machinery you desire to operate and the nature of the service, and we will make special prices and designs to meet your requirements.

For 500 volt and Railway Switchboards, special prices will be quoted.

WE WILL MAKE ANYTHING YOU WANT.

SWITCHBOARD MATERIAL

MARBLE, SLATE AND BUS BAR

MARBLE

Beveled or Square Edges

		List Prices				
		7-8 inch	1 inch	1 1-4 inch	1 1-2 inch	2 inch
Brown Tennessee	Per sq. ft.	$1.20	.....	$1.40	$1.80	$2.30
Pink Tennessee	" "	1.20	.....	1.40	1.80	2.30
Light Cloud American White	" "	1.40	$1.60	1.80	2.10	2.70
Italian White	" "	1.45	.....	1.90	2.20	2.80
Blue Vermont	" "	1.50	1.75	2.00	2.40	3.00

An extra inch will be charged for each finished edge in ⅞-inch, 1-inch and 1¼-inch thicknesses and an extra 2 inches in 1½ and 2-inch thicknesses.

SLATE

Beveled or Square Edges.

		List Prices				
		3-4 inch	1 inch	1 1-4 inch	1 1-2 inch	2 inch
Plain	Per sq. ft.	$1.20	$1.20	$1.40	$1.70	$2.30
Black Enameled	" "	1.50	1.50	1.60	1.90	2.30
Marbleized	" "	1.50	1.50	1.60	1.90	2.80

No extra charge for finishing edges.

HARD ROLLED COPPER BUS BAR

Any carrying capacity. plain finish, per pound, $0.60.

Carrying capacity of bus bar copper of 1 square inch cross section = 1,000 amperes.

Weight of 1 inch square copper bus bar per foot = 4 pounds.

1 inch x ¼ inch copper bus bar carries 250 amperes.

1 inch x ¼ inch copper bus bar weighs, per foot, 1 pound.

ALUMINUM BUS BAR

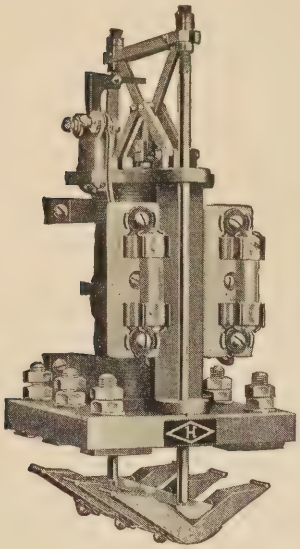
Prices on Application

ASBESTOS BOARD

In sheets 40 inches x 40 inches.

List price, per pound. $0.12.

Thickness in inches	1/32	3/64	1/16	3/32	1/8	3/16	1/4	3/8	1/2
Weight per sheet in pounds	2	3	4	6	8	12	14	23	27



No. 61

Remote Control Switches

List Prices for Direct or Alternating Current for potentials not exceeding 250 volts D. C. or 440 volts A. C.

Amps Capacity	DOUBLE POLE List No.	Code Word	List Price	TRIPLE POLE List No.	Code Word	List Price
5-25	50	Aback	$30.00	60	Abater	$36.00
50	51	Abacus	40.00	61	Abatable	45.00
75	52	Abaft	50.00	62	Abatis	56.00
100	53	Aband	78.00	63	Abba	90.00
150	54	Abandon	90.00	64	Abbacy	104.00
200	55	Abase	102.00	65	Abbe	116.00
400	56	Abasing	150.00	66	Abbess	192.00
500	57	Abasement	186.00	67	Abbot	234.00
1000	58	Abash	279.00	68	Abdica	346.00
2000	59	Abate	510.00	69	Abdicate	550.00
No. 9 Momentary Contact Switch, as illustrated				70	Abdomen	3.50
Pressure Gauge, as illustrated				71	Abduce	40.00
Tank Switch, complete, as illustrated . .				72	About	25.00

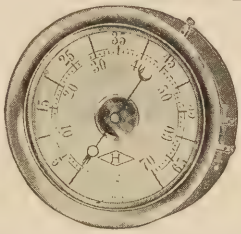
THESE SWITCHES ARE
NATIONAL CODE STANDARD

Exact voltage, amperage, and whether for A. C. or D. C. must be given in order

No. 70

No. 9 Momentary Contact Switch

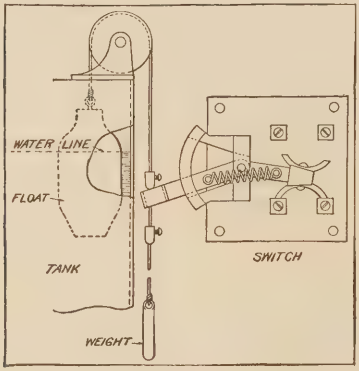
For operating Remote Control Switch



No. 71

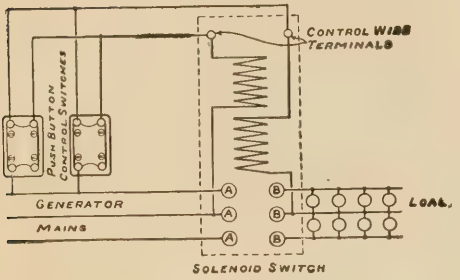
Pressure Gauge

May be adjusted to operate our remote control switch on or off within a range of 3 lbs. over its entire scale. Guaranteed absolutely reliable on either air, steam or water under severe conditions of use

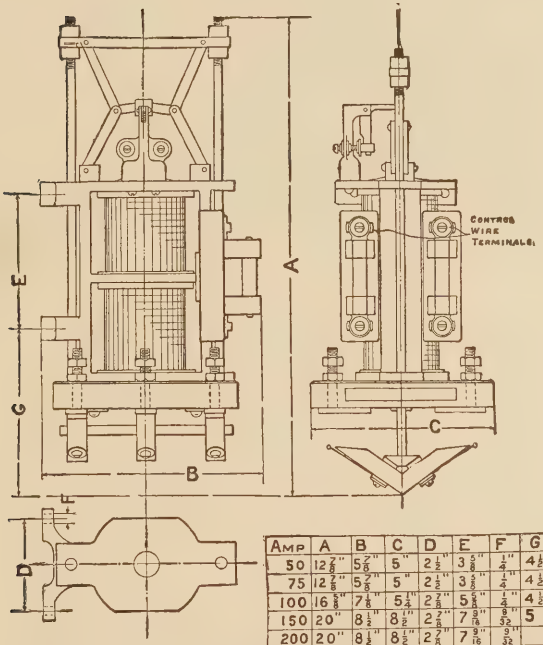


No. 72

Our Tank Switch has an earthenware float not affected by acids or alkalies, the switch is double throw having a capacity of 10 amperes at either 220 or 110 volts and may be used as a high and low water alarm, to control motors within its capacity or control our remote control switch.



Wiring diagram of remote control switch showing connection to two No. 9 Switches, located at different points, control wires to be No. 14 B & S except that for switches of 200 amp. and larger on A C Circuit 10 B and S should be used.



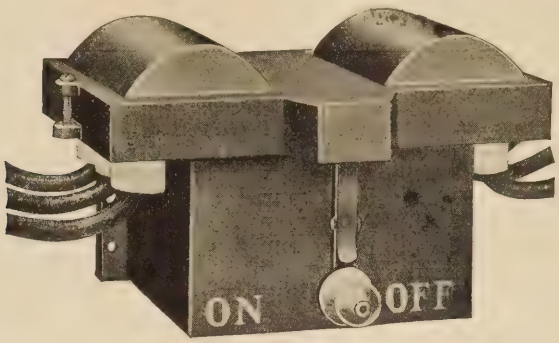
REMOTE CONTROL SWITCH. TYPE D2

AMP	A	B	C	D	E	F	G
50	12 2/8"	5 2/8"	5"	2 1/2"	3 5/8"	1/4"	4 1/2"
75	12 2/8"	5 2/8"	5"	2 1/2"	3 5/8"	1/4"	4 1/2"
100	16 5/8"	7 1/8"	5 1/4"	2 2/8"	5 5/8"	1/4"	4 1/2"
150	20"	8 1/2"	8 1/2"	2 2/8"	7 9/16"	8/32"	5"
200	20"	8 1/2"	8 1/2"	2 2/8"	7 9/16"	9/32"	
300	20"	8 1/2"	8 1/2"	2 2/8"	7 9/16"	9/32"	
500	26 10/16"	9"	11 1/8"	5 3/4"	11"	1/2"	
1000	4'-2 3/4"	17 2/4"	19"	10"	23"	11/16"	
2000	4'-2 3/4"	17 3/4"	19"	10"	23"	11/16"	

Drilling Template and Essential Measurements

WEATHERPROOF OIL BREAK SWITCHES.

FOR OVERHEAD AND UNDERGROUND SYSTEMS.



These Switches are easily installed on poles or hung in manholes; but, in view of the various requirements, hangers are not furnished except on order with specifications. Leakage of oil, due to capillarity, is guarded against in the design. Care should be exercised when filling switches with oil so as not to overflow, but sufficient time should be allowed for the oil to settle properly into all spaces before putting on cover.

One inspection per year of the oil depth is recommended, as is usual in the case of transformers.

Renewal of oil should depend upon the frequency of operation of switch, following the general practice usual in the case of switchboard switches.

We guarantee their performance within their rated capacity, and at any power factor.

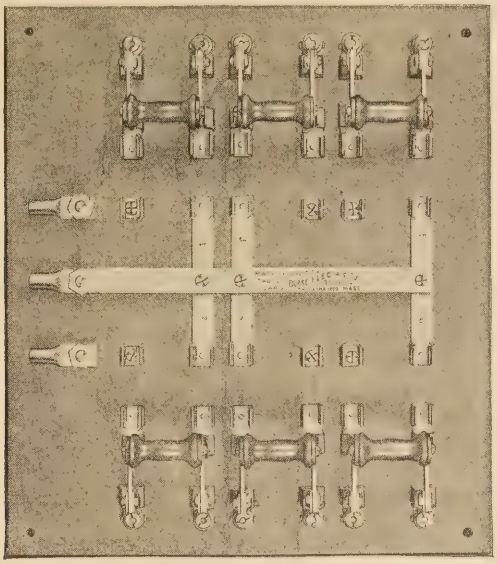
We do not provide oil, as practically all central stations have it in stock for transformers.

Use only best grade of new transformer or switch oil, and be sure it contains no moisture.

Code Word.	List No.	Volts.	Amperes.	Style.	Casing.	List Price Each.
Aback		3000	60	S. P. S. T.	2B	$20.00
Abaft		3000	150	S. P. S. T.	2C	37.50
Abase		3000	300	S. P. S. T.	2C	47.50
Abate		4600	60	S. P. S. T.	2B	30.00
Abduct		4600	150	S. P. S. T.	2C	43.00
Abner		6900	100	S. P. S. T.	2D	60.00
Beast		5000	10	ARC. C. O.	4B	30.00
Beach		3000	60	D. P. S. T.	4B	30.00
Beacon		3000	150	D. P. S. T.	4C	52.50
Bead		3000	300	D. P. S. T.	4C	65.00
Beam		4600	60	D. P. S. T.	4B	45.00
Bear		4600	150	D. P. S. T.	4C	67.20
Beaver		3000	60	S. P. D. T.	4B	30.00
Beck		3000	150	S. P. D. T.	4C	52.50
Become		6900	100	D. P. S. T.	4D	84.00
Cider		3000	60	T. P. S. T.	6B	45.00
Cigar		3000	150	T. P. S. T.	6C	70.00
Cinder		3000	300	T. P. S. T.	6C	85.00
Cipher		4600	60	T. P. S. T.	6B	64.80
Circle		4600	150	T. P. S. T.	6C	89.60
Circus		6900	100	T. P. S. T.	6D	120.00
Docile		3000	60	4 P. S. T.	8B	57.50
Dock		3000	150	4 P. S. T.	8C	82.50
Dodge		3000	300	4 P. S. T.	8C	102.50
Dolphin		4600	60	4 P. S. T.	8B	73.60
Domino		4600	150	4 P. S. T.	8C	110.00
Dollar		3000	60	D. P. D. T.	8B	57.50
Domain		3000	150	D. P. D. T.	8C	82.50

MACFARLANE PANEL BOARDS.

They are smaller than any board ever made, and less space is required to install them. They are also less liable to short circuit, as only one bus bar appears on the surface, the other being sunk in a groove in the back, thus preventing any crossing of the bus bars on the face of the board. These boards are made in all standard sizes, as shown, thus enabling us to ship from stock, and eliminating the delay which usually follows orders for this material. All metal parts are highly polished and lacquered. All prices are for either enameled or black Monson slate.



ENCLOSED FUSE BOARDS.

Three-wire Main.

Amps.	Circuits.	Length.	Without Switches: Without Lining.	Without Switches: Side Linings.	Without Switches: Door Linings.	With Switches: Without Lining.	With Switches: Side Linings.	With Switches: Door Linings.
30	2	6¾	$5.26	$2.50	$0.78	$6.06	$2.66	$0.90
30	4	9½	7.46	2.72	.92	10.26	2.90	1.22
30	6	12¼	9.80	2.92	1.14	14.36	3.10	1.36
30	8	15	12.08	3.10	1.32	18.48	3.32	1.82
60	10	17¾	14.40	3.40	1.66	22.56	3.62	2.22
60	12	20½	16.70	3.58	1.84	26.72	3.80	2.48
60	14	23¼	18.98	3.82	2.12	30.86	4.04	2.84
60	16	26	21.70	4.06	2.42	34.96	4.24	3.22
75	18	28¾	24.36	4.28	2.60	39.34	4.42	3.54
75	20	31½	26.76	4.42	2.76	43.56	4.64	3.72
75	22	34¼	29.16	4.66	3.06	48.04	4.88	3.98
75	24	37	31.56	4.84	3.28	52.46	5.06	4.38

Width of boards without switches is 10 inches; and with switches, 14 inches.
Add to length of boards 2¾ inches for lugs each end.....$2.50 to List

Add for N. E. C. Fuses in Mains:

0- 30 amperes, 2¾ inches to length of board..... 2.24 to List
31- 60 amperes, 5½ inches to length of board..... 3.00 to List
61-100 amperes, 8¼ inches to length of board..... 4.40 to List

Add for Enclosed Fuse and Switch in Mains:

30 amperes, 8¼ inches to length of board..... 6.50 to List
60 amperes, 11 inches to length of board..... 8.00 to List
75 amperes, 13¾ inches to length of board.....10.00 to List

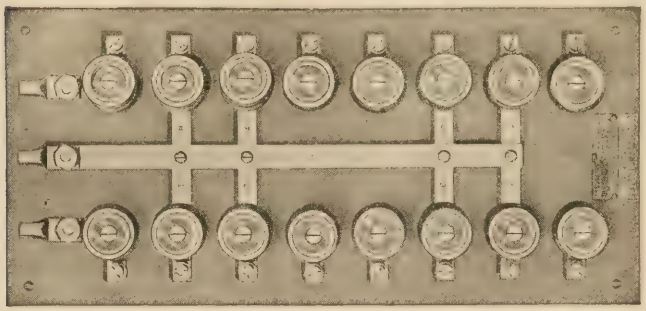
Add For Meter Loop:

2 to 8 circuits, 5½ inches to length of board..... 4.00 to List
9 to 16 circuits, 8¼ inches to length of board..... 5.00 to List
17 to 24 circuits, 11 inches to length of board..... 6.00 to List

Plain Finish, deduct 5%. Boards arranged for 250 volts, add 20%.

All parts are regularly mounted on one inch, hard finished, black enameled slate. Linings are same finish, one-half inch thick and four inches high and telescope panel.

MACFARLANE PANEL BOARDS.



Three-wire Mains.

Amps	Circuits.	Length.	Without Switches			With Switches		
			Without Lining.	Side Linings.	Door Linings.	Without Lining.	Side Linings.	Door Linings.
30	2	6¾	$5.84	$2.50	$0.78	$7.84	$2.66	$0.90
30	4	10⅛	8.36	2.72	.92	12.56	2.90	1.22
30	6	13½	10.88	2.92	1.14	16.98	3.10	1.36
30	8	16⅞	13.62	3.16	1.48	21.40	3.40	1.98
60	10	20¼	16.34	3.58	1.84	26.00	3.80	2.48
60	12	23⅝	19.28	3.82	2.12	30.84	4.02	2.84
60	14	27	22.22	4.06	2.42	35.68	4.24	3.22
60	16	30⅜	25.16	4.28	2.60	41.04	4.42	3.54
75	18	33¾	28.74	4.66	3.06	45.76	4.88	3.98
75	20	37⅛	32.00	4.84	3.28	50.68	5.06	4.38
75	22	40½	35.24	4.94	3.68	65.94	5.14	4.74
75	24	43⅞	38.56	5.18	3.94	59.94	5.38	5.06

Width of board without switches, 8 inches; and with switches, 14 inches.

Add to length of boards 3⅜ inches for lugs each end and.....$2.50 to List

Add for N. E. C. Fuses in Mains:

0- 30 amperes, 3⅜ inches to length of board..... 2.24 to List
31- 60 amperes, 6¾ inches to length of board..... 3.00 to List
61-100 amperes, 10⅛ inches to length of board..... 4.40 to List

Add for Enclosed Fuse and Switch in Mains:

30 amperes, 10⅛ inches to length of board..... 6.50 to List
60 amperes, 10⅛ inches to length of board..... 8.00 to List
75 amperes, 13½ inches to length of board.....10.00 to List

Add for Meter Loops:

2 to 8 circuits, 6¾ inches to length of board..... 4.00 to List
9 to 16 circuits, 6¾ inches to length of board..... 5.00 to List
17 to 24 circuits, 10⅛ inches to length of board..... 6.00 to List

Plain Finish, deduct 5%. Boards arranged for 250 volts, add 20%.

All parts are regularly mounted on one inch, hard finished, black enameled slate. Linings are same finish, one-half inch thick and four inches high and telescope panel.

PAISTE PANELETTES.

NATIONAL ELECTRICAL CODE STANDARD.

(Name Reg. U. S. Patent Office.)

Panelettes is the name given to this new line of tablet boards whose design closely follows that of a combination of our panel cut outs.

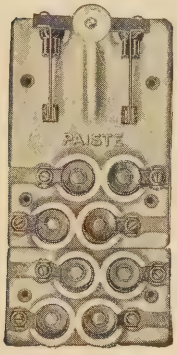
They are made in three styles, for two and three wire systems, both with and without branch switches.

Each Panelette is built up from similar units to any desired size.

All connections are made by links on the back, thus securing a uniformly neat appearance to the block, and all troublesome wiring on the front is by this means done away with.

It will also be found that the spacing of the knife switch blades of two adjacent blocks is according to the rules of the Fire Underwriters' Association.

These Panelettes cover three styles, as follows: "A," with main switch, no branch switches. "B," with main switch and fuses, no branch switches. "C," without main, switch or fuse, with branch switches.



No. 4970.
(No. 5111.)

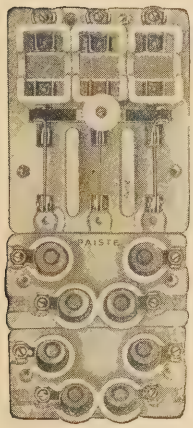
TYPE "A."—WITH MAIN SWITCH ONLY.

For Two-Wire System.

Code Word.	List No.	Mfr. No.	No. Circuits.		List Price Each.
Zabibih	4969	5110	2	With 30 amp. Switch.....	$1.40
Zabibik	4970	5111	4	With 30 amp. Switch.....	2.05
Zabibil	4971	5112	6	With 30 amp. Switch.....	2.70
Zabibim	4840	5113	8	With 60 amp. Switch.....	4.05
Zabibin	4841	5114	10	With 60 amp. Switch.....	4.70
Zademib	4805	5115	12	With 60 amp. Switch.....	5.35

For Three-Wire System.

Zabibip	4842	5120	2	With 30 amp. Switch.....	2.05
Zabibir	4843	5121	4	With 30 amp. Switch.....	2.75
Zabibis	4844	5122	6	With 30 amp. Switch.....	3.45
Zabibit	4845	5123	8	With 30 amp. Switch.....	4.15
Zabibiv	4846	5124	10	With 30 amp. Switch.....	4.85
Zabibiw	4847	5125	12	With 60 amp. Switch.....	6.45
Zabibix	4848	5126	14	With 60 amp. Switch.....	7.15
Zabibiy	4849	5127	16	With 60 amp. Switch.....	7.85
Zabibiz	4850	5128	18	With 60 amp. Switch.....	8.55
Zabibo	4851	5129	20	With 60 amp. Switch.....	9.25



No. 4973.
(No. 5316.)

TYPE "B."—WITH MAIN SWITCH AND FUSE.

For Two-Wire System.

Zademic	4806	5300	2	With 30 amp. Switch and Fuse	1.80
Zademid	4807	5301	4	With 30 amp. Switch and Fuse	2.45
Zadmif	4808	5302	6	With 30 amp. Switch and Fuse	3.10
Zademig	4809	5303	8	With 60 amp. Switch and Fuse	4.55
Zademih	4810	5304	10	With 60 amp. Switch and Fuse	5.20
Zademik	4811	5305	12	With 60 amp. Switch and Fuse	5.85

Any assortment of Panelettes making 100 circuits constitutes a standard package. Prices of Type "B" do not include the necessary main fuses.

PAISTE PANELETTES.

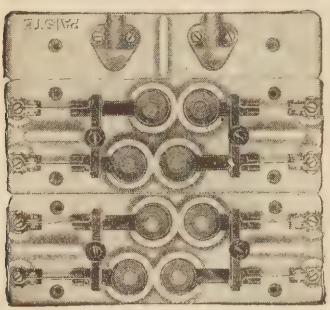
NATIONAL ELECTRICAL CODE STANDARD.

(Name Reg. U. S. Patent Office.)

TYPE "B." (Continued.)

For Three-Wire System.

Code Word.	List No.	Mfr. No.	No. Circuits.	List Price Each.
Zademeb	4972	5315	2 with 30 ampere switch and fuse.....	$2.65
Zademec	4973	5316	4 with 30 ampere switch and fuse.....	3.35
Zademed	4974	5317	6 with 30 ampere switch and fuse.....	4.05
Zademef	4975	5318	8 with 30 ampere switch and fuse.....	4.75
Zademeg	4976	5319	10 with 30 ampere switch and fuse.....	5.45
Zademeh	4977	5320	12 with 60 ampere switch and fuse.....	7.20
Zademek	4978	5321	14 with 60 ampere switch and fuse.....	7.90
Zademel	4979	5322	16 with 60 ampere switch and fuse.....	8.60
Zademem	4980	5323	18 with 60 ampere switch and fuse.....	9.30
Zademen	4981	5324	20 with 60 ampere switch and fuse.....	10.00

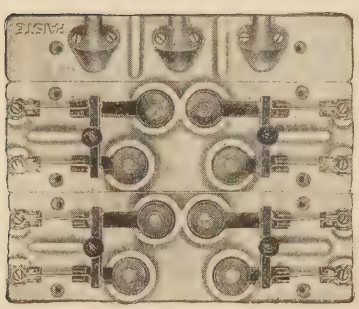


No. 4854.
(No. 5131.)

TYPE "C."—WITH BRANCH SWITCHES.

For Two-Wire System.

			Capacity.	
Zabibob	4852	5130	2 circuits....	2.50
Zabibod	4853	5131	4 circuits....	4.60
Zabibof	4854	5132	6 circuits....	6.70
Zabibog	4855	5133	8 circuits....	8.80
Zabiboh	4856	5134	10 circuits....	10.90
Zabibok	4857	5135	12 circuits....	13.00
Zabibol	4858	5136	14 circuits....	15.10
Zabibom	4859	5137	16 circuits....	17.20
Zabibon	4860	5138	18 circuits....	19.30
Zabibop	4861	5139	20 circuits....	21.40



No. 4863.
(No. 5141.)

For Three-Wire System.

Zabibor	4862	5140	2 circuits....	2.75
Zabibos	4863	5141	4 circuits....	5.00
Zabibot	4864	5142	6 circuits....	7.25
Zabibov	4865	5143	8 circuits....	9.50
Zabibow	4866	5144	10 circuits....	11.75
Zabibox	4867	5145	12 circuits....	14.00
Zabiboy	4868	5146	14 circuits....	16.25
Zabiboz	4869	5147	16 circuits....	18.50
Zabibu	4870	5148	18 circuits....	20.75
Zabibub	4971	5149	20 circuits....	23.00

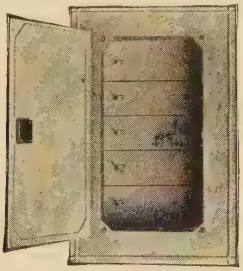
Any assortment of Panelettes making 100 circuits constitutes a standard package. Prices of Type "B" Panelettes do not include necessary main fuses.

PAISTE SECTIONAL PANEL BOXES.

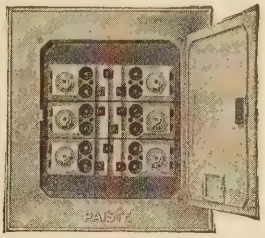
NATIONAL ELECTRICAL CODE STANDARD.

(Le Manquais Patents.)

Besides carrying these sectional boxes in their separate and original sections, we have them all assembled ready for use. The various sizes and styles are shown below.



No. 14653 (No. 4373).



No. 27470 (No. 4192).
With Perkins' Cut-Outs No. 2360.

TYPE "A."

Type "A" Boxes measure 8½ inches wide by 3 inches deep inside. Heights are given in list below.

Code Word.	List No.	Mfr. No.	Height Inside.	Capacity in Plug Circuits.	List Price Each.
Zadanix	27524	4158	4½ in.	2 circuits	$4.80
Zadaniy	27525	4159	7¼ in.	2 circuits	6.00
Zadaniz	27526	4160	10¼ in.	6 circuits	7.20
Zadano	27527	4161	13¼ in.	8 circuits	8.40
Zadanob	27528	4162	16¼ in.	10 circuits	9.60
Zadanoc	27529	4163	19¼ in.	12 circuits	10.80
Zadanod	27530	4164	22¼ in.	14 circuits	12.00
Zadanof	27531	4165	25¼ in.	16 circuits	13.20

TYPE "B."

Type "B" Boxes measure 8½ inches wide by 4¼ inches deep inside. They are of proper sizes for Types "A" and "B" Panelettes. Heights are given in list below.

				Capacity in Type "A" Panelettes.	Capacity in Tpye "B" Panelettes	
Zacakat	14698	4370	10¼ in.	2 circuits	.....	7.40
Zacakav	14699	4371	13¼ in.	4 circuits	2 circuits	8.80
Zacahol	14652	4372	16¼ in.	6 circuits	4 circuits	10.20
Zacahom	14653	4373	19¼ in.	8 circuits	6 circuits	11.60
Zacahon	14654	4374	22¼ in.	10 circuits	8 circuits	13.00
Zacahop	14655	4375	25¼ in.	12 circuits	10 circuits	14.40
Zacahor	14656	4376	28½ in.	14 circuits	12 circuits	15.80

TYPE "BB."

These Panel Boxes are of proper size to take the "Hart" combined Switch and Cut Out and the Perkins Porcelain Covered Switch and Cut Out.

Type "BB" boxes measure 11½ inches wide by 3 inches deep inside. The heights are given in lists below:

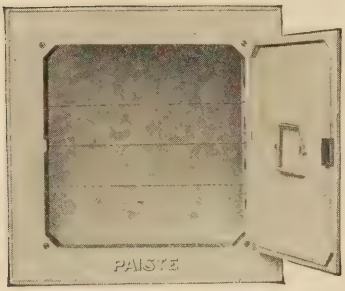
Zadanab	27468	4190	6 in.	2 circuits	6.00
Zadanac	27469	4191	10 in	4 circuits	7.30
Zadanad	27470	4192	13 in.	6 circuits	9.60
Zadanaf	27471	4193	16 in	8 circuits	11.40
Zadanag	27472	4194	19 in.	10 circuits	13.20
Zadanah	27473	4195	22 in.	12 circuits	15.00
Zadanak	27474	4196	25 in.	14 circuits	16.80

Any assortment of Le Manquais Boxes, having a total capacity of 100 circuits, constitutes a standard package.

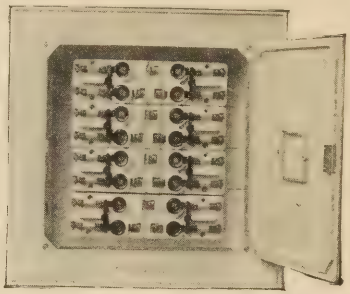
PAISTE SECTIONAL PANEL BOXES.

NATIONAL ELECTRICAL CODE STANDARD.

(Le Manquais Patents.)



No. 4962 (No. 4063).



No. 4962 (No. 4063).
With No. 4013 Cut Out.

The Type "C" Panel Boxes have been discontinued and Type "D" Boxes are now drilled to take Paiste Panel Cut Outs, Paiste Panel Cut Outs for rotary switches, Type "C" Panelettes and other standard makes of panel cut outs. These Type "D" boxes measure 15⅝ inches inside by 3½ inches deep inside. Heights are given in list below.

TYPE "D."

Code Word.	List No.	Mfr. No.	Height Inside.	Capacity in Panel Cut Outs.	Capacity in Panelettes.	List Price, Each.
Zabibew	4959	4060	5¾ in.	2 circuits	.....	$7.20
Zabibex	4960	4061	9 in.	4 circuits	2 circuits	9.60
Zabibey	4961	4062	12¼ in.	6 circuits	4 circuits	12.00
Zabibez	4962	4063	15½ in.	8 circuits	6 circuits	14.40
Zabibi	4963	4064	18¾ in.	10 circuits	8 circuits	16.80
Zabibib	4964	4065	22 in.	12 circuits	10 circuits	19.20
Zabibic	4965	4066	25¼ in.	14 circuits	12 circuits	21.60

Any assortment of Le Manquais boxes having a total capacity of 100 circuits constitutes a standard package.

No. 45850—½ Size.
(No. 5202.)

BUSHINGS FOR PAISTE PANEL BOXES.

Where the holes for bringing the wires into the Iron Panel Boxes are cast in the box, these bushings will adapt them to concealed knob and tube work and for use with loom.

METAL BUSHING FOR LOOM.

				Std. Pkg.	
Zuhum	45850	5202	For ¼ loom.....	50	$0.06

No. 10059—½ Size.
(No. 5203.)

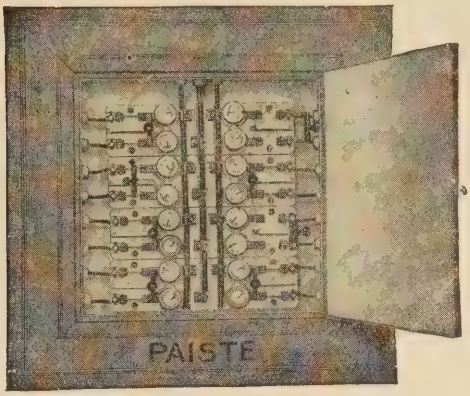
PORCELAIN BUSHING FOR OPEN WORK.

Zacugox	10059	5203	For two wires ½" hole..	50	$0.15
Zacugoy	10060	5204	For three wires 1" hole..	50	.15

PAISTE PANEL BOXES.

WOODEN BOX—WOODEN FRONT.

ASBESTOS LINED.

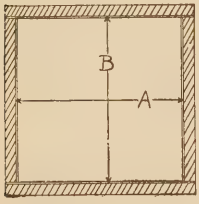


No. 4952—BOX.
Showing use with panel cut outs.

These panel boxes—an entirely new idea in manufactured cabinets—are in two parts—the front and the box proper.

The front is of solid oak, of standard width of 4 inches, and of a design that will look well with any house trim. The asbestos lined door is quartered oak, provided with mortised lock and hung on brass hinges.

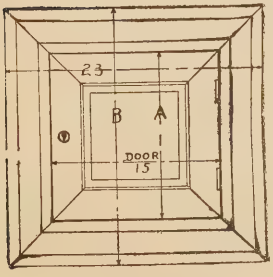
The box is of ⅞ inch white pine, strongly nailed, and lined throughout with asbestos board of the required ⅛ inch thickness. It is 15 inches wide, inside, giving ample room to set in and wire the widest of the "P-K" panel cut outs.



THE BOX.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zabibem	4952	4050	1 to 8 circuits..	10	$ 6.50
Zabiben	4953	4051	9 to 12 circuits..	5	9.00
Zabibep	4954	4052	13 to 16 circuits..	5	11.50
Zabiber	4955	4053	17 to 20 circuits..	5	14.00

List prices do not include cut-outs, which must be ordered separately.



THE FRONT.

DIMENSIONS.

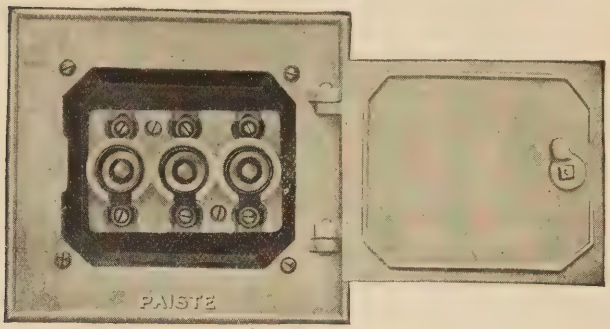
	Box A.	Box B.	Front A.	Front B.
4952	15 inches.	15 inches.	15 inches.	23 inches.
4953	15 inches.	21½ inches.	21½ inches.	29½ inches.
4954	15 inches.	28 inches.	28 inches.	36 inches.
4955	15 inches.	34½ inches.	34½ inches.	42½ inches.

These boxes are 3¾ inches deep.

PAISTE IRON PANEL BOXES.

(Le Manguais Patents.)

NATIONAL ELECTRICAL CODE STANDARD.



No. 27532.

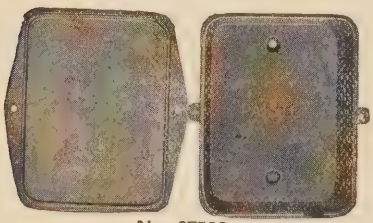
MAIN LINE CUT OUT BOXES.

This small flush type box is designed to be used with the main line cut out of plug fuse type, in either 2 or 3 wire mains. The regular finish is in white enamel, and we carry a full stock always on hand.

We show cut of same in use with Plug Cut Out.

Note that cost of same does not cover the necessary cut out, which must be ordered in addition.

Code Word.	List No.	Mfr. No.	Inside Dimensions.	Std. Pkg.	List Price, Each.
Zadanog	27532	4405	3 in. x4½ in. x5 in.	12	**$2.40**



No. 27533.

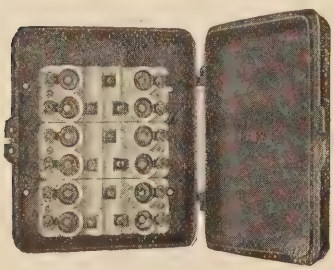
BLIND, JUNCTION OR FULL BOXES.

These are most convenient boxes for use where it is desired to make a junction of two or more conduits of large size, demanding more room for such joints than is to be found in ordinary junction boxes. The regular finish is in black, and dimensions of two sizes made are given in list below.

The cut shown herewith shows the smaller box with lid removed.

In ordering be sure to advise how many and what size outlets are to be drilled.

Zadanoh	27533	4410	4½ in. x6 in. x2¼ in.	25	**1.85**
Zadanok	27534	4412	6 in. x9 in. x4 in.	15	**3.50**



No. 27536.

TYPE "F" SURFACE BOXES FOR PLUG CUT OUTS.

These Type "F" Boxes are designed to fill the need for a surface type box using double branch Plug Cut Outs from 2 or 3 wire mains. They are finished in plain black, and will be found most convenient for mill work where a strong moderate-priced box meets all requirements.

In ordering be sure to state if desired for 2 wire, 3 wire open work, or for conduits, so that box can be fitted accordingly.

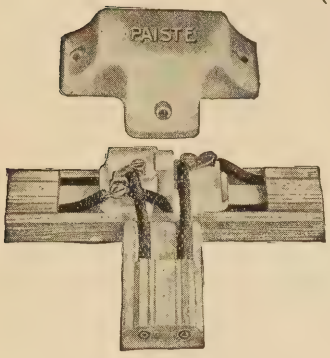
Note that prices given below do not include cut outs, which must be ordered extra.

These boxes measure 9½ inches wide by 3¾ inches deep. The heights are given in list below.

			Height Inside.	Capacity.		
Zadanol	27535	4415	8 in.	4 circuits	10	**4.60**
Zadanom	27536	4416	11¾ in.	6 circuits	10	**6.50**

PAISTE TAPLETS AND CROSS-OVERS.

(Reg. U. S. Patent Office.)



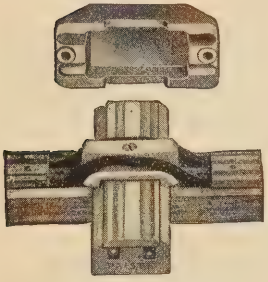
Taplet, Showing Wiring.

NATIONAL ELECTRICAL CODE STANDARD.

FOR MOLDING WIRING.

Are you still making "taps" in molding wiring in the old way? If you are, you are losing the shortest and cheapest cut to a good job. With a Paiste Taplet you don't have to solder the branch wires, cut the capping, cut the molding not used, a piece of Loom. The illustration of No. 24003 shows how it should be done.

The Cross-overs make the job still more simple and it looks uniform from end to end.



Cross-Over, Showing Wiring.

TAPLETS.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zacipit	42881	4090	2-Wire Single Branch...	100	$0.30
Zacipiv	42882	4091	3-Wire Single Branch...	50	.45
Zacipiw	42883	4092	3-Wi. to 2-Wi. Single Br.	50	.40
Zacipix	42884	4093	3-Wi. to 2-Wi. Double Br.	25	.60
Zacipiy	42885	4094	2-Wire Double Branch...	25	.45

CROSS-OVERS.

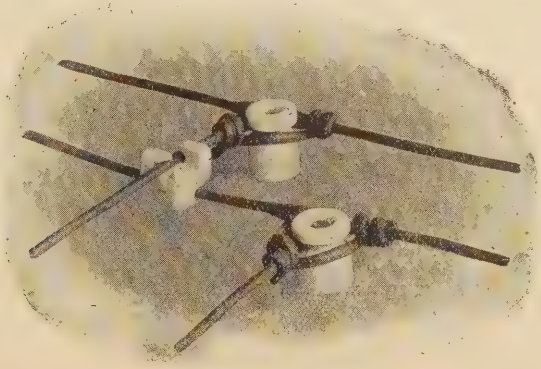
Zacipiz	42886	4095	2-Wire crossing 2-Wire..	50	.15
Zacipo	42887	4096	3-Wire crossing 3-Wire..	50	.20
Zacipob	42888	4097	2-Wire crossing 3-Wire..	25	.20
Zacipoc	42889	4098	3-Wire crossing 2-Wire..	25	.20

Cross-Over, Opening Wiring.

FOR OPEN WIRING.

The necessary Cross-over for open wiring is shown by No. 24012. The insulator can be slipped into place after the wires are run and fastened. It holds securely and cannot be slipped out of place when once fastened.

Zacipod	42890	5212	Open Wiring Cross-over.....	250	.06



This Cut Shows One Use of Cross-Over for Open Wiring.

PAISTE PIPE TAPLETS.

A new line of Fittings for Iron Conduit that in many ways has revolutionized this class of work. While it makes the smallest line of such fittings, yet because of its flexibility it can be so extended in its uses to include nearly every form of Standard Sockets, Snap Switches and Receptacles.

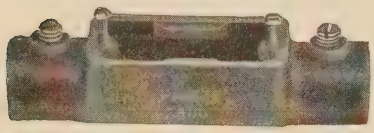
With Pipe Taplets it is necessary to cut only 4 or 5 full threads on the pipe; the steel set screw in the hub providing a fastening that is absolutely secure, as well as enabling you to line up the Pipe Taplets with absolute uniformity.

The rectangular wiring openings are the same size in the ½-inch, ¾-inch and 1-inch sizes, and of one other size in the 1¼-inch and 1½-inch. So that two sizes of Covers are all that is necessary for five sizes of Pipe Taplets.

This same wiring opening on the ½-inch, ¾-inch and 1-inch sizes is of such shape and size that Fielding Molding Receptacles and Rosettes Nos. 50724, 50726, 435, 436 and 439 can be wired into the line in precisely the same way as with wooden molding.

Snap Switches, all Round Base Receptacles and Rosettes can be wired on the ½-inch, ¾-inch and 1-inch Pipe Taplets by using the very inexpensive Switch Fitting Attachments.

Outlet Hoods as well can be made from stock Pipe Taplets, stock Covers and the inexpensive Outlet Hood Attachment.



No. 9922 (No. 4110).

TYPE "C."

Code Word.	List No.	Mfr. No.	Size Conduit, In.	Std. Pkg.	List Price Each.
Zacuhik	9922	4110*	½	200	$0.36
Zacuhil	9923	4120*	¾	100	.46
Zacuhim	9924	4130*	1	50	.74
Zacuhin	43315	4140	1¼	20	.94
Zacuhip	43316	4150	1½	10	1.34

No. 9925 (No. 4111).

TYPE "E."

Zacuhir	9925	4111*	½	200	.29
Zacuhis	9926	4121*	¾	100	.40
Zacuhit	9927	4131*	1	50	.65
Zacuhiv	43317	4141	1¼	20	.80
Zacuhiw	43318	4151	1½	10	1.16

No. 9928 (No. 4112).

TYPE "A."

Zacuhix	9928	4112*	½	200	.24
Zacuhiy	9929	4122*	¾	100	.36
Zagamot	9930	4132*	1	50	.58
Zagamov	43319	4142	1¼	20	.62
Zagamow	43320	4152	1½	10	.92

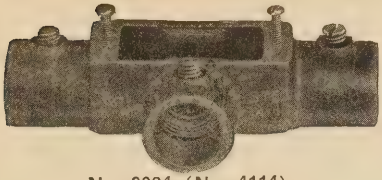
No. 9931 (No. 4113).

TYPE "B."

Zagamox	9931	4113*	½	200	.29
Zagamoy	9932	4123*	¾	100	.41
Zagamoz	9933	4133*	1	50	.65
Zagamu	43321	4143	1¼	20	.80
Zagamub	43322	4153	1½	10	1.16

*Standard Fielding Molding Receptacles Nos. 50724 and 50726, and Fielding Molding Rosettes Nos. 435, 436 and 439 may be used on these Pipe Taplets.

PAISTE PIPE TAPLETS.



No. 9934 (No. 4114).

TYPE "T."

Code Word.	List No.	Mfr. No.	Size Conduit, Inches.	Std. Pkg.	List Price Each.
Zacuhiz	9934	4114*	½	150	$0.48
Zacuho	9935	4124*	¾	75	.62
Zacuhob	9936	4134*	1	50	.95
Zacuhoc	42836	4144	1¼	20	1.22
Zacuhod	42837	4154	1½	10	1.81

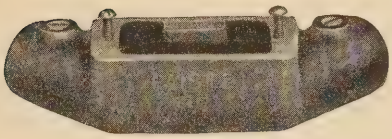
No. 42839 (No. 4116).

SPECIAL TYPE "T."

Zacuhof	42838	4170*	½ in. with ¾ in. Branch	100	.56

TYPE "X."

Zacuhog	42839	4116*	½	150	.60
Zacuhoh	42840	4126*	¾	75	.82
Zagamuc	42841	4136*	1	50	1.20



No. 42842 (No. 4117).

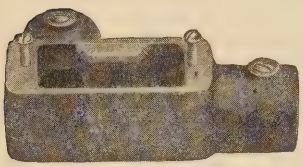
TYPE "U."

Zagamud	42842	4117*	½	100	.52
Zagamuf	42843	4127*	¾	50	.62
Zagamug	42844	4137*	1	40	1.00
Zagamuh	42845	4147	1¼	20	1.19
Zagamuk	42846	4157	1½	10	1.64

No. 42847 (No. 4118).

TYPE "L R."

Zagamul	42847	4118*	½	200	.40
Zagamum	42848	4128*	¾	100	.50
Zagamun	42849	4138*	1	50	.80



No. 42850 (No. 4119).

TYPE "L L."

Zagamup	42850	4119*	½	200	.40
Zagamur	42851	4129*	¾	100	.50
Zagamus	42852	4139*	1	50	.80

*Standard Fielding Molding Receptacles Nos. 50724 and 50726 and Fielding Molding Rosettes Nos. 435, 436 and 439 may be used on these Pipe Taplets.

No. 9937 (No. 4115).

ELBOW TYPE.

This Elbow Type is designed to be used not only when a short right-angled turn is necessary, but for a pull outlet as well. They are found particularly useful for the outside work when the service wires come down the outside of a house and make a short right-angled turn to go into the basement. For this reason they are always furnished galvanized, and price includes cover and soft rubber gasket.

Zagamut	9937	4115	½	100	.60
Zagamuv	9938	4125	¾	50	.70
Zagamuw	9939	4135	1	40	.90

PAISTE PIPE TAPLETS.

SIZE 1 COVERS FOR ½-INCH, ¾-INCH AND 1-INCH PIPE TAPLETS.

Note that this single line of covers fits all types and all sizes of ½-inch, ¾-inch and 1-inch Pipe Taplets.

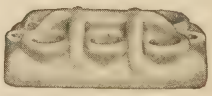
No. 14650 (No. 5250).

No. 14651 (No. 5251).

No. 14603 (No. 5252).

No. 14604 (No. 5253).

No. 14605 (No. 5265).

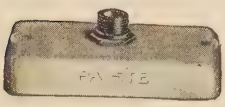


No. 14606 (No. 5266).

No. 43235 (No. 5271).

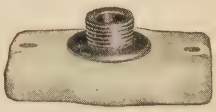
No. 43236 (No. 5269).

No. 43237 (No. 5270).



No. 14607 (No. 5259).

No. 14608 (No. 5260).



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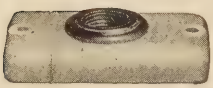


No. 14610 (No. 5262).

No. 9945 (No. 5257).

No. 9946 (No. 5258).

PLAIN PORCELAIN COVERS.

Holes 13/32 Inch in Diameter.

Code Word.	List No.	Mfr. No.	Style.	Std. Pkg	Price. Each.
Zacahoh	14650	5250	1-Hole	200	$0.10
Zacahok	14651	5251	2-Hole	200	.10
Zacahol	14603	5252	3-Hole	200	.10
Zacahe	14604	5253	4-Hole	200	.10
Zacaheb	14605	5265	5-Hole	200	.10
Zacahec	14606	5266	6-Hole	200	.10

With Large Holes, 9/16 Inch in Diameter.

Zacahed	43235	5271	1-Hole	200	.10
Zacahef	43236	5269	2-Hole	200	.10
Zacaheg	43237	5270	3-Hole	200	.10

WITH METAL BUSHINGS.

Zacaheh	14607	5259	⅛-in. Male Thread	200	.25
Zacahon	14608	5260	⅛-in. Female Thread	200	.25
Zacahop	14609	5261	⅜-in. Male Thread	200	.35
Zagamux	14610	5262	⅜-in. Female Thread	200	.35

METAL COVERS.

Zagamuy	9945	5257	Blank Cover	200	.08
Zagamuz	43238	5274	⅜-in. Male Thread	200	.25

SOFT RUBBER GASKET.

Zagana	9946	5258	Plain Gasket	200	.10

Porcelain Covers and Metal Covers, with or without nipples, can be assorted to make Standard Package Quantity.

If proper Covers are ordered, to go with Standard Package of any style of Pipe Taplets, the Standard Package discount will be allowed on both Pipe Taplets and Covers.

PAISTE PIPE TAPLETS.

SIZE 2 COVERS FOR 1¼-INCH AND 1½-INCH PIPE TAPLETS.

Note that these Covers will fit either of the above sizes of Pipe Taplets.

No. 43763 (No. 5280).

No. 43764 (No. 5281).

No. 43765 (No. 5282).

No. 43766 (No. 5283).

No. 43767 (No. 5284).

No. 43768 (No. 5285).

No. 43769 (No. 5286).

PLAIN PORCELAIN COVERS.

Code Word.	List No.	Mfr. No.	Style.	Std. Pkg.	Price Each.
Zaganab	43763	5280	2-Hole	20	$0.36
Zaganac	43764	5281	3-Hole	20	.36
Zaganad	43765	5282	4-Hole	20	.36
Zaganaf	43766	5283	5-Hole	20	.36
Zaganag	43767	5284	6-Hole	20	.36
Zaganah	43768	5285	7-Hole	20	.36
Zaganak	43769	5286	8-Hole	20	.36
Zaganal	43770	5278	Blank Metal Cover.	20	.32

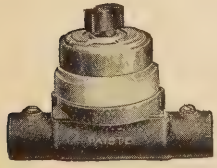
These Covers may be assorted to make Standard Package Quantity. If proper Covers are ordered, to go with Standard Package of any style of Pipe Taplets, the Standard Package discount will be allowed on both Pipe Taplets and Covers.

SWITCH FITTINGS.

No. 9942 (No. 5263).

No. 9943 (No. 5264).

No. 9944 (No. 5268).



Showing use of 10-Amp. Switch with No. 9943 and No. 9922.

By the use of these Switch Fittings any of the ½-inch, ¾-inch or 1-inch Pipe Taplets are so adapted that any 5 or 10-Ampere Snap Switch, Standard Round Base Receptacle or Rosette may be used thereon.

Zacuhok	9942	5263	5-Ampere Size	200	.20
Zacuhol	9943	5264	10-Ampere Size	200	.20
Zacuhom	9944	5268	Large Size	100	.28

Switch Fittings may be assorted to make up Standard Package Quantity.

PAISTE TAPLET FITTINGS.

No. 41725 (No. 5256).

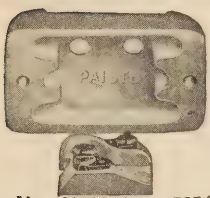
Showing Method of Making a Branch with No. 41725 on No. 9934.

Showing No. 41725 on No. 9934, with Cover in Place.

PIPE TAPLET "TAPS."

This Tap Fitting is used for making a Branch in Conduit Wiring without any soldering of the Branch wires. It follows the same purpose and design of our Molding Taplet No. 4090.

To wire this Pipe Taplet "Tap," the button part sets over the Pipe Taplet opening as with a Standard Fielding Receptacle or Rosette, the main wires loop up over it and are bared to set under set screws, and the Branch wires, coming in from the "T," are then to be taken off from the other set screws.



No. 41726 (No. 5254).

Code Word.	List No.	Mfr. No.	Style.	Std. Pkg.	List Price Each.
Zaganam	41725	5256	Pipe Taplet "Tap....	100	$0.25

MOLDING TAP.

This Molding Tap follows very closely the design of the Branch Tap shown above, except that the Cover is pierced with two holes, through which the wires are to be carried into the wooden molding.

Double braided wire is necessary for iron conduit, while single braided will do for wooden molding. When it is desired to change from the two styles of wire, this change can be made at the button.

Zaganan	41726	5254	2-Wire Molding Tap..	100	.25

Nos. 5256 and 5254 may be assorted to make up Standard Package Quantity.

Showing Use of No. 41726 Changing from Molding Wiring to Pipe Work.

CABLE BUSHINGS.

Pipe Taplets lend themselves easily for use with flexible metallic covered conductors, such as B X Cable. For No. 8 Size no extra fitting is necessary, as the end of the Cable slips easily into the Pipe Taplet and is held securely with the steel set screw. For the smaller sizes of cable a reducing bushing is necessary. This is screwed into the Pipe Taplet and in addition held by the set screw. The end of the Cable is slipped into the bushing and its set screw tightened up, thus holding the Cable securely.

Zaganap	41727	For No. 10 B X Cable.....	100	.07½
Zaganar	41728	For Nos. 12 and 14 B X Cable..	100	.07½

These Cable Bushings may be assorted to make up Standard Package Quantity.

PAISTE PIPE TAPLET FITTINGS.

OUTLET HOODS.

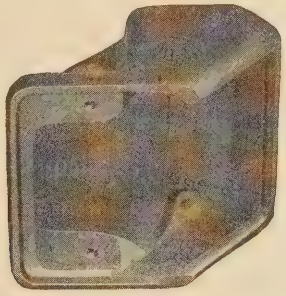
These Outlet Hoods are made in two sizes: The first, which will fit the ½-inch, ¾-inch and 1-inch Pipe Taplets, and the second, which will fit the 1¼-inch and 1½-inch sizes.

The Hood itself, as shown, is a one-piece casting having one side so shaped that it fits the wiring opening of Pipe Taplets; the other side is grooved to receive and hold the porcelain cover.

After the proper cover is placed over the wire or wires, it is slipped into the Hood and screwed fast; then the whole combination is screwed to the Pipe Taplet; an extremely simple process all the way through.

While this Outlet Hood will fit any Pipe Taplet, its very purpose will confine it mostly to use on the Type "A" styles.

As, when using this Outlet Hood, the combination is made up of a stock Pipe Taplet, a stock Cover and this simple Hood itself, the saving in your stock-carrying expense can be quickly figured out.



No. 41729 (No. 5267).

OUTLET HOOD FOR ½-INCH, ¾-INCH AND 1-INCH SIZE.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zaganas	41729	5267	Hood only.....	100	$0.34

OUTLET HOOD FOR 1¼-INCH AND 1½-INCH SIZE.

Zaganat	41730	5287	Hood only.....	20	1.02

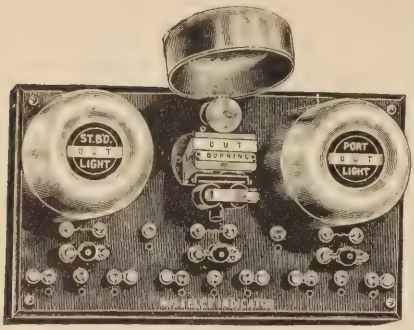
Showing Use of No. 41729 Outlet Hood, with No. 43236 Cover on No. 9929 Pipe Taplet.

REDUCING BUSHINGS.

It will frequently be advantageous to carry in stock a few Reducing Bushings, so that a smaller pipe may be used in one or more ends of a Pipe Taplet. These are made special to fit Pipe Taplets with the inside of standard pipe threads.

			Reduces.		
Zaganav	41731	5288	¾ inch to ½ inch.....	200	.15
Zaganaw	41732	5289	1 inch to ½ inch.....	200	.18
Zaganax	41733	5290	1 inch to ¾ inch.....	200	.18

MARINE SUPPLIES.



No. 5127.

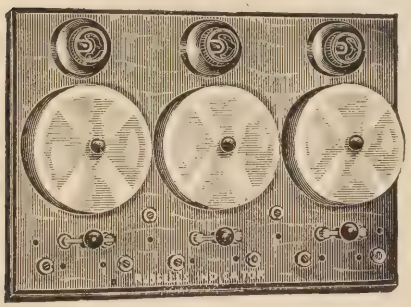
AUTOMATIC RUNNING LIGHT INDICATOR AND CONTROL.

Indicates when a signal light goes out by a vibrator, telltale lamp and annunciator drop.

At the same time closes a circuit to a reserve lamp, insuring constant light.

Requires three wires to each lantern.

Code Word.	List No	Mfr. No.		List Price, Each.
Zadewos	5127	500	Per light.....	$40.00



No. 5128.

SIMPLE INDICATING TELL TALE.

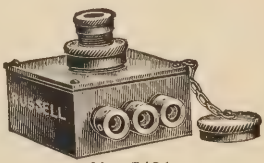
Vibrator and tell tale lamp. Indicates when a lamp goes out.

Requires two wires to each lantern.

Zadewot	5128	501	Per light.....	20.00

10 AMPERE MARINE RECEPTACLE AND PLUG.

No. 5129.



No. 5131.

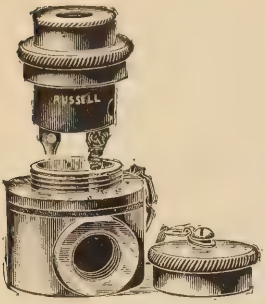
Zadewov	5129	484	3 wire complete for ¾ inch conduit.....	7.00
Zadewow	5130	484A	3 wire complete for 1 inch conduit.....	7.00
Zadewox	5131	453	3 wire complete for moulding.....	8.50
Zadewoy	5132	453	3 wire plug complete.....	2.00

No. 5133.

No. 5134.

Zadewoz	5133	452	2 wire plug only.....	1.20
Zadewu	5134	447	2 wire complete for ½ inch conduit.....	4.50
Zadewub	5135	447A	2 wire complete for ¾ inch conduit.....	4.50

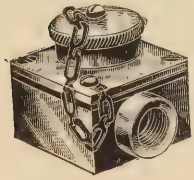
MARINE RECEPTACLES.



No. 5121.
(½ Full Size.)

Code Word.	List No.	Mfr. No.		List Price, Each.
Zadewok	5121	458	1 amp. marine receptacle and plug, brass box complete..	$5.20
			Plug only.....	2.00

For ¼, ⅜ or ½ inch pipe.

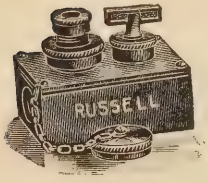


No. 5122.

Zadewol	5122	459	Same as above except in square box, complete.....	5.00

No. 5123.

Zadewom	5123	449	10 amp. marine switch and receptacle for moulding, complete	6.40

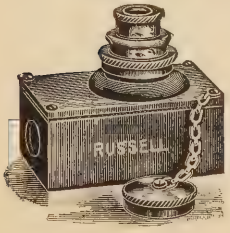


No. 5124.

Zadewon	5124	478	10 amp. marine switch and receptacle for ½ or ¾ inch conduit	6.00

No. 5125.

Zadewop	5125	479	10 amp. marine receptacle in rectangular box for ½ or ¾ inch conduit.....	5.00
			Plug only for Nos. 449, 478 or 479	1.20



No. 5126.

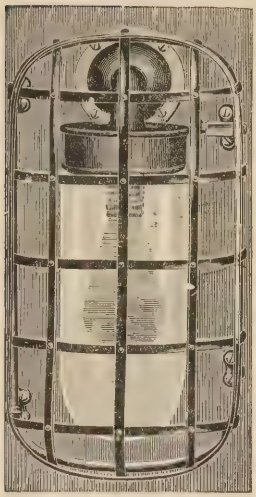
Zadewor	5126	480	50 amp. marine receptacle, complete, for ¾ or 1 inch conduit	15.00

(Specify size of outlets.)

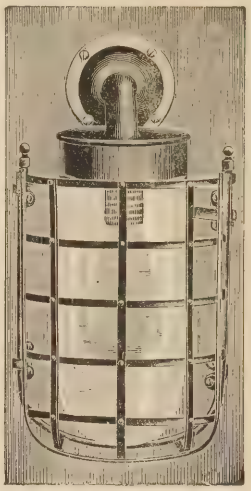
MARINE SUPPLIES.

BRASS BULKHEAD FIXTURES.

WATERTIGHT.



No. 15010.

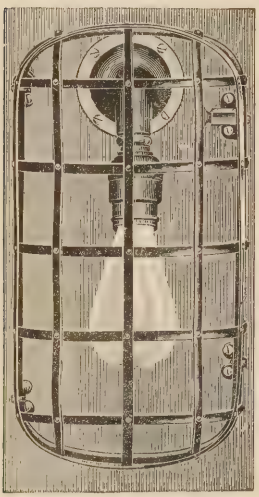


No. 15011.

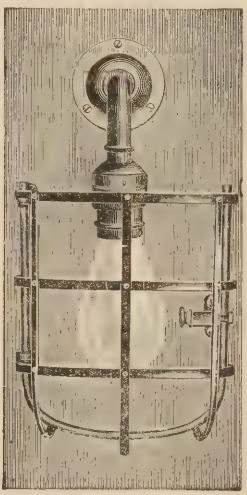
Code Word.	List No.		List Price, Each.
Zacamim	15010	Full basket guarded fixture, complete	$4.50
Zacamin	15011	Half basket guarded fixture, complete	4.00

All mounted on heavy white pine blocks, guards hinged.

NON-WATERTIGHT.



No. 15012.



No. 15013.

Zacamip	15012	Full basket guarded fixture, complete	3.40
Zacamir	15013	Half basket guarded fixture, complete	2.90

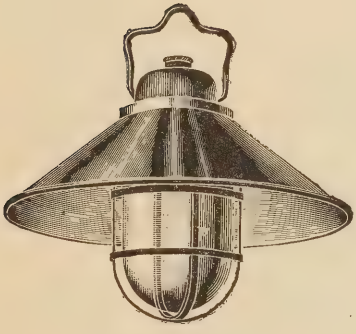
The above in black bronze or brass finish.
These fixtures are adapted for any class of work where a guarded fixture is required.

MARINE SUPPLIES.

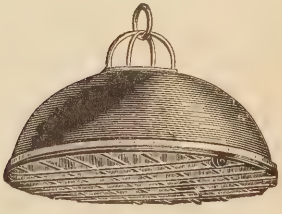
No. 45987.

No. 45988.

Code Word	List No.		List Price Each.
Zulib	45987	Heavy brass watertight reflector, complete	$3.85
Zulid	45988	Brass watertight pole or staff light, complete	3.95



No. 45989.



No. 45990.

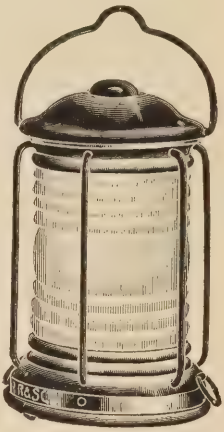
Zulif	45989	Heavy brass watertight 1 light gangway reflector	5.50
Zulig	45990	Heavy brass 18 in. diameter 4 light cargo reflector, goose neck body	15.00
Zulih	45991	Heavy brass 18 in. diameter 4 light cargo reflector, wireless porcelain body	12.50
Zacapuh	16204	Steel bowl—4 Lt. Wireless Porcelain Body	9.00

RUSSELL MARINE LANTERNS

ELECTRIC.

No. 46148.

No. 46149.

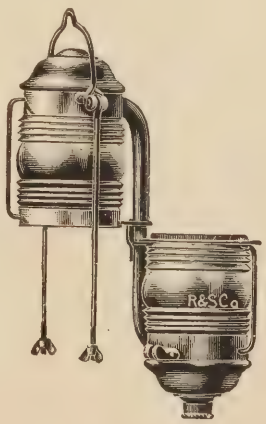


No. 46150.

Code Word	List No.	Mfr. No.		List Price Each.
Zuneb	46148	400	Heavy brass, navy form, water-tight deck lantern, complete	$4.25
Zuned	46149	425	Heavy brass, water-tight, base outlet, deck lantern, complete	4.25
Zunef	46150	444	Brass 4 inch fresnal globe, pole or sta/ light, with base outlet, complete	5.25

Colored globes extra.

No. 36039 Closed.



No. 36039 Opened.

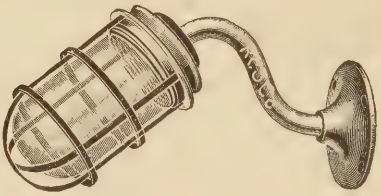
Zafibex	36039	544	Tandem brass pole lantern for two 32 candle power lamps, 4-inch clear lens	$18.00

Colored lens extra.

RUSSELL WATER-TIGHT FIXTURES

No. 36125.

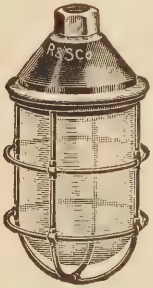
No. 36127.



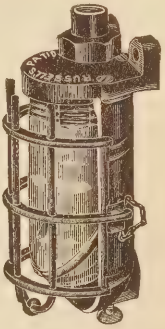
No. 36128.

Code Word	List No.	Mfr. No.		List Price Each
Zafibid	36125	404	Heavy brass guarded water-tight right angle fixture on 4-inch iron junction box	$3.60
Zafibif	36126	404A	Same, on brass junction box	4.00
Zafibig	36127	537	Brass water-tight fixture on iron junction box, no guard	4.50
Zafibih	36128	418	Guarded brass water-tight 45 degree angle fixture	4.00

No. 36129.

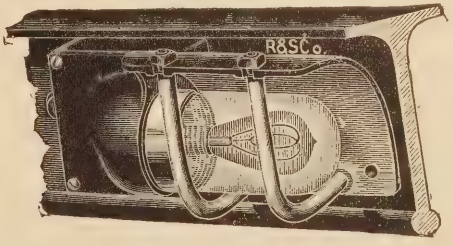


No. 36130.



No. 36131.

Zafibik	36129	392	Guarded brass non-water-tight fixture for moulding	$2.00
Zafibil	36130	538	Heavy brass, coned top, round wire guard conduit fixture	2.50
Zafibim	36131	410	Patent water-tight, very heavy steel guard, white enamel reflector body, deck fixture	4.60



No. 36132.

Zafibin	36132	539	Very heavy iron reflector, water-tight fixture on iron junction box, for mounting on side of deck beam	$4.75

GUARDED BRASS WATER TIGHT FIXTURES.

No. 9026.

No. 9027.

No. 9028.

Code Word.	List No.	Mfr. No.		List Price, Each.
Zadewew	9025	431A	With switch on brass junction box	$5.00
Zadewex	9026	431	With switch on iron junction box	4.50
Zadewey	9027	430	With switch, for ½ or ¾ inch conduit	3.75
Zadewez	9028	411	Without switch, for ½ or ¾ inch conduit	2.30

No. 9029.

No. 9031.

No. 9032.

Zadewi	9029	405	Mounted on iron junction box, list price each	2.70
Zadewib	9030	405A	Mounted on brass junction box, list price each	3.10
Zadewic	9031	415	Fitted for moulding block, list price each	2.05
Zadewid	9032	411F	Fitted with feet, for ½ or ¾ inch conduit, list price each.	2.65

(Specify conduit outlet.)

NEWGARD COMBINED RECEPTABLE AND WATERPROOF GLOBE.

No. 6078.

It is made entirely of non-absorbing and non-corrosive material and will last for years in any climate. Its use where lamps are exposed or in damp places will save many times its original cost in lamp renewals and burnt out sockets.

TYPE "A."

This is the Pendant Type and hangs suspended by its conducting wires. Unless otherwise specified 8-inch wires are shipped.

Code Word.	List No.	Mfr. No.	Edison Base.	Broken Case, Price, per Dozen.	Full Case, Price, per Dozen.
Zadigam	6078	4337	8-inch wires.....	$7.50	$6.00
Zadigan	6079	4338	18-inch wires.....	8.00	6.50
Zadigap	6080	4339	24-inch wires.....	8.50	7.00
Zadigar	6081	4340	36-inch wires.....	9.00	7.50
Zadigas	6082	4341	48-inch wires.....	9.50	8.00

The above are also made in T-H base at the same price.

No. 6083.

TYPE "B."

This is the Bracket Type. Cover is threaded to screw on regular ½-inch iron gas pipe.

Zadigat	6083	4347	Edison Base.....	9.00	7.50
Zadigav	6084	4348	T-H Base.....	9.00	7.50

TYPE "C."

This is the Flange Type. Cover is flanged and can be screwed to wall, ceiling or other support.

Zadigaw	6085	4349	Edison Base.....	9.00	7.50
Zadigax	6086	4350	T-H Base.....	9 00	7.50

Any of the above Globes can be furnished in genuine colors, red, blue or green at an advance of .75 each, net.

No. 6085.

NEWGARD WIRE GUARD.

Fits tightly over Globe and is secure at top.

				Per Dozen.	Per Gross.
Zadigay	6087	4351	.....	2.00	20.00

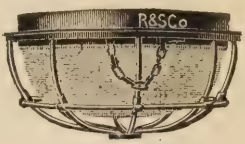
				Per Dozen.
Zadigaz	6088	19041	Clear Globes only.....	1.65
Zadige	6089	19042	Genuine Colored Globes.....	6.00
Zadigeb	6090	19043	Porcelain Caps, only.....	2.75
Zadigec	6091	16044	Type B., iron fittings only.....	2.50
Zadiged	6092	19045	Type C., iron fittings only.....	2.50

				Per Gross.
Zadigef	6126		Rubber Gaskets.....	2.50

Any length of wire furnished to order.

RUSSELL WATER-TIGHT FIXTURES

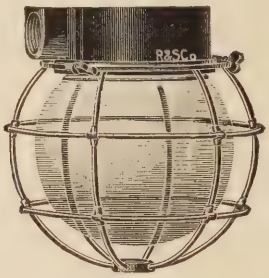
No. 36032.



No. 36033.

GUARDED HEAVY BRASS CEILING FIXTURES.

Code Word	List No.	Mfr. No.		List Price Each
Zafiben	36032	470G	8-inch screw globe, 4 inches deep over all	$8.00
Zafibep	36033	471G	6-inch screw globe, 3½ inches deep over all	6.00



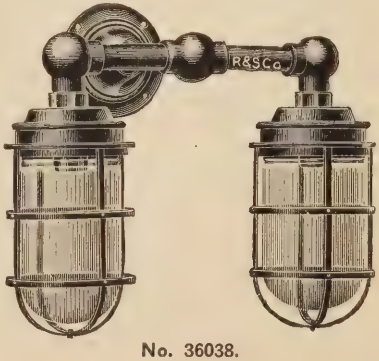
No. 36034.

No. 36036.

SCREW GLOBE BRASS CEILING FIXTURE.

Zafiber	36034	540	6-inch ball, guarded, for conduit, complete	$6.00
Zafibes	36035	540B	Same, without guard	2.50
Zafibet	36036	541	4-inch ball, water-tight, on iron box	2.00

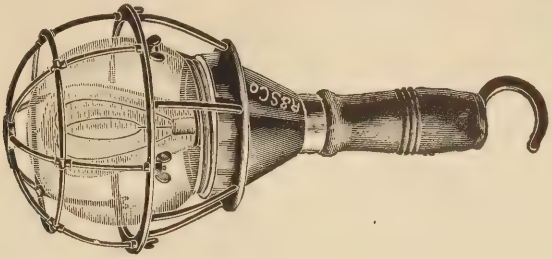
No. 36037.



No. 36038.

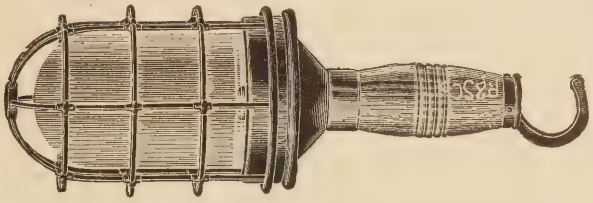
Zafibev	36037	542	4-light cluster fixture, with iron base to set on junction box	$10.00
Zafibew	36038	543	2-light bracket brass fixture with iron brackets	6.00

RUSSELL WATER-TIGHT HAND PORTABLES



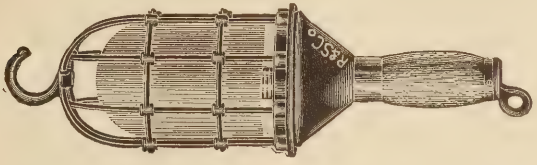
No. 36040.

Code Word.	List No.	Mfr. No.		List price Each.
Zafibey	36040	516	50 c. p. screw globe, heavy brass, complete	$7.00



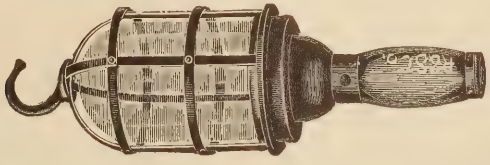
No. 36041.

Zafibez	36041	517	50 c. p. flared lip globe, heavy brass, with steel guard, complete	$4.50



No. 36042.

Zafibi	36042	519	16 c. p. screw globe, heavy brass, complete	$3.75



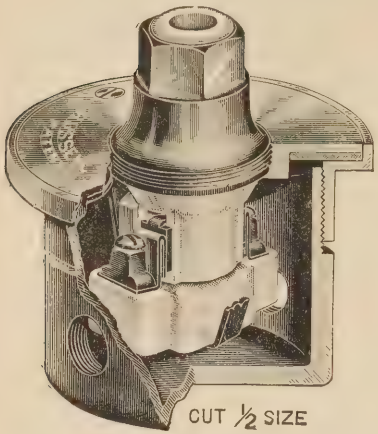
No. 36043.

Zafibib	36043	422	16 c. p. screw globe, brass, complete	$3.25

No. 36044.

Zafibic	36044	518	8 c. p. flared lip globe handle, portable, brass, very small, complete	$2.00

WATERTIGHT FLOOR RECEPTACLES.

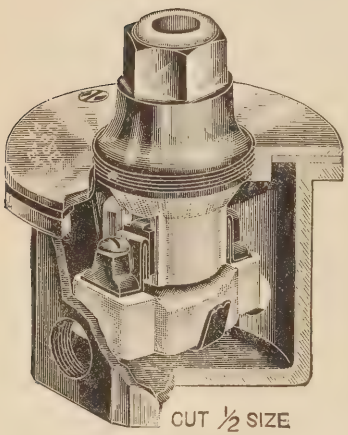


No. 14927.

WATERTIGHT PORCELAIN PLUG FLOOR RECEPTACLE.

ADJUSTABLE TOP.

Code Word.	List No.		List Price, Each.
Zacalow	14927	Complete	$5.50
Zacalox	14928	Porcelain plug only..	.30



No. 14929.

WATERTIGHT PORCELAIN PLUG FLOOR RECEPTACLE.

NON-ADJUSTABLE TOP.

Zacaloy	14929	Complete	4.00
Zacaloz	14930	Porcelain plug only..	.30

No. 14931.

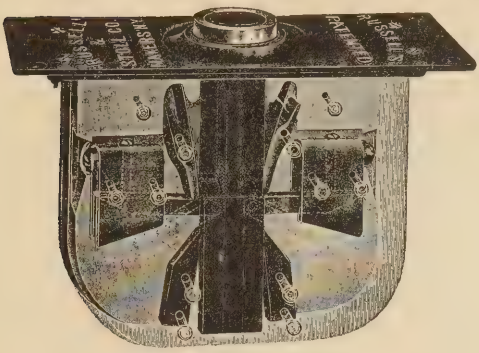
PORCELAIN PLUG FOR NOS. 14927 AND 14929.

PLAIN WATERTIGHT FLOOR BOX.

WITH BRASS COVER AND FLUSH PLUG.

Zacalu	14931	.....	2.00

RUSSELL STAGE POCKETS.



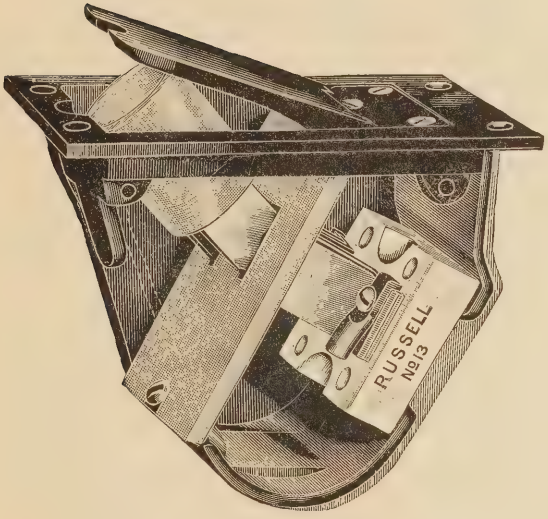
QUICK BREAK STAGE POCKET AND PLUG

50 Amperes

Heavy Porcelain Body

Absolutely proof against trouble from foreign matter getting into plug hole, as live terminals are well away from the throat. Plug contacts reach out to the pocket terminals.

Code Word	List No.		List Price Each
Zafical	36182	Complete	$14.00

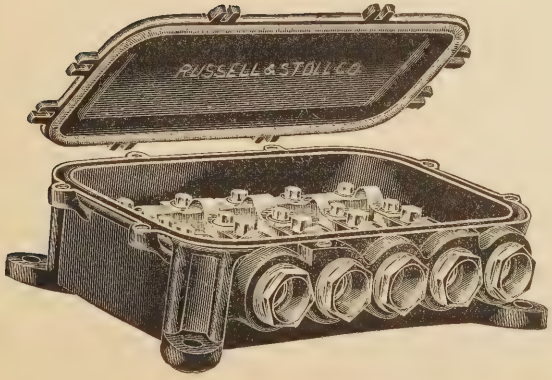


50 AMPERE STAGE POCKET NON-REVERSIBLE PLUG

Plug is pushed all the way in by pressing on the lid, insuring full contact. Very accessible to wire.

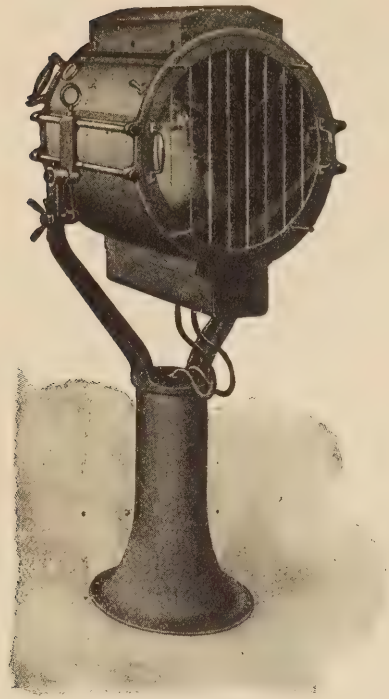
Complete with Plug

Zaficam	36183	Single	$10.00
Zafican	36184	Double	18.00
Zaficap	36185	3 gang	25.00
Zaficar	36186	Plug only	2.50

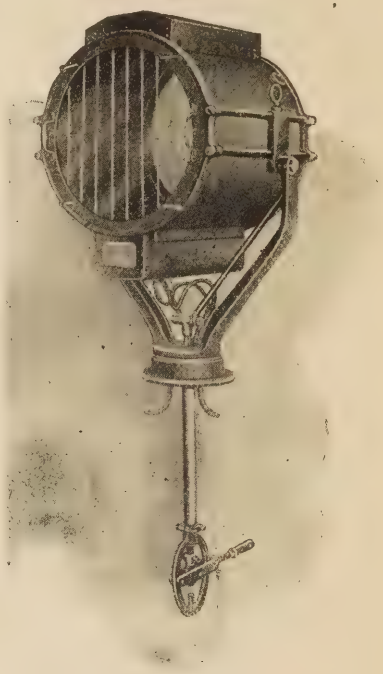


VERY HEAVY
WATER TIGHT
CABLE JUNCTION
AND FUSE BOXES
OF ANY
DESCRIPTION.
PRICES ON APPLICATION.

SEARCHLIGHT PROJECTORS.



Hand Control Projectors.



Pilot House Control Projectors.

These Projectors are well adapted to meet the severe requirements of marine service, in which the searchlight finds its widest application, and a large number are now in successful operation on yachts, passenger steamers, dredges and merchant vessels of all kinds. They have been used extensively for advertising and exhibition purposes, and have been successfully employed in mines for carrying on hydraulic operations at night and for patrolling in times of strikes and disturbances. A large number were also used for patrol work in protecting armored supply trains in the South African war.

The standard commercial sizes are 9, 13 and 18 inches in diameter, but larger projectors of 24, 30, 36, 48, 60 and 80 inches in diameter are manufactured and can be supplied on special order.

HAND CONTROL.

In the hand control projectors the beam of light can be trained vertically or horizontally by means of handles on the sides of the barrel, and a star wheel mounted on the trunnion acts as a locking device, by means of which the barrel of the projector may be held at any desired angle. This form of control is intended for use where the projector is located directly on the deck or within convenient reach of the operator.

PILOT HOUSE CONTROL.

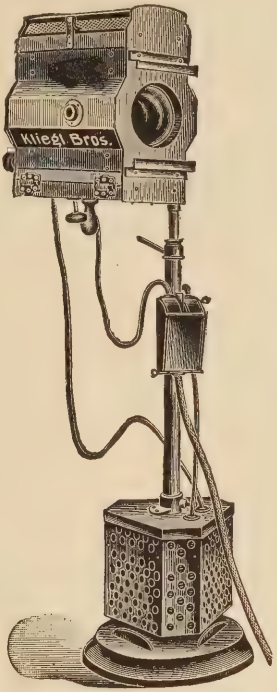
Where the projector is installed on top of the pilot house, an arrangement for control from within is provided by which the beam can be moved either horizontally or vertically by a single lever within easy reach of the pilot. The projector may be locked at any desired angle by simply turning the handle of the lever until it binds against the quadrant.

Prices quoted on application.

"KLIEGL" STAGE ARC LAMPS.

APPROVED BY NATIONAL BOARD OF FIRE UNDERWRITERS.

Open Box.



Lens Box.

Lens Box,
With Color Wheel.

OPEN BOX ARC LAMP.

The Olivette, or Open Box, Arc Lamp is designed for use in the wings to throw an equally spread light of 4000 c. p. on the scene of the play. All terminals are enclosed, and lamp is absolutely sparkproof and well ventilated. The head is movable, which enables the operator to throw the light in any direction.

Code Word.	List No.		List Price Each.
Zacofih	38601	25 amp., 125 volts	$40.00

5-INCH AND 6-INCH LENS BOX ARC LAMP.

Improved Lens Box Arc Lamp is used to illuminate the entire stage from the balcony, also for throwing a small spot light on a performer, or to light up an object. The quick and proper focus is obtained by pulling the knob on rear of hood. The head is provided with swinging attachment which enables the operator to follow the performer with the light in any required direction.

Zacofik	38602	5-inch Lens Box Arc Lamp	42.50
Zacofil	38603	6-inch Lens Box Arc Lamp	45.00
Zacofex	38606	6-inch Lens Box Arc Lamp, with color wheel	48.50
Zacofez	38609	8-inch Lens Box Arc Lamp	50.00
Zacifi	38610	Double 5-inch Lens Box	85.00
Zacofok	38589	Double 6-inch Lens Box	90.00
Zacofol	38590	Double 8-inch Lens Box	100.00
Zacofom	38591	Four section 5-inch Lens Box	200.00
Zacofon	38592	Four section 6-inch Lens Box	210.00
Zacofop	38593	Four section 8-inch Lens Box	220.00
Zacofel	38549	Color Boomerang for four section Lens Boxes	20.00
Zacofem	38550	Metal Color Box, for 5 and 6-inch Lens Box	9.00
Zacofit	38586	Metal Color Box, for 8-inch Lens Box	12.00
Zacofiv	38587	Color Wheel, for 5 and 6-inch Lens Boxes	3.50
Zacofiw	38588	Color Wheel, for 8-inch Lens Boxes	8.00

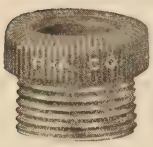
SOCKET BUSHINGS.

No. 45164.

Code Word.	List No.		List Price, Per 100.
Zoxap	45164	⅛-inch Composition Rubber	$6.00

No. 45165

Zoxar	45165	⅛-inch Composition Rubber	8.00



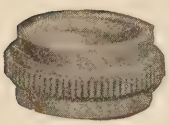
No. 45166

Zoxas	45166	⅜-inch Composition Rubber	10.00

No. 45167

Zoxat	45167	⅛-inch Male and Female Composition Rubber	10.00

SOCKET RINGS.



No. 45168

Zoxav	45168	Composition Rubber	4.00
Zoxaw	45169	Porcelain	5.00

No. 45170

Zoxax	45170	Soft Rubber, for use with Weather Proof Sockets	3.50

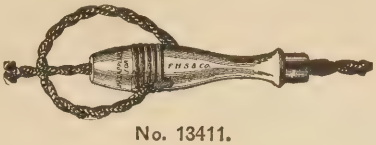
ADAPTERS.

Inserting this device in a T. H. Socket Base adapts it for use with an Edison Base Lamp.

No. 45171

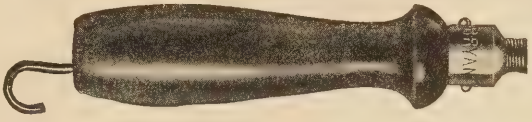
Zoxaz	45171	Regular Adapter	6.00
Zoxe	45172	New Style Lock Adapter	6.00

SOCKET HANDLES.



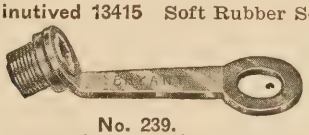
No. 13411.

Code Word.	List No.		List Price
Dims	13411	For ⅛-in. Sockets, per 100	$4.00
Dimed	13412	For ⅜-in. Sockets, per 100	4.00



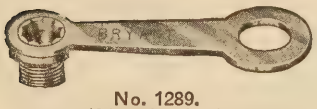
No. 13413.

		Mfr. No.		Each.
Dimensions	13413	1240	With ⅛-in. Nipple	.11
Diminutaon	13414	1388	With ⅜-in. Nipple	.13
			Socket Cover.	
			Soft Rubber Socket.	
Diminutived	13415		Soft Rubber Socket Cover	.10

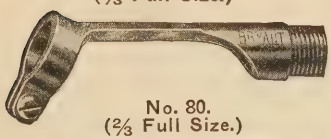


No. 239.
(⅔ Full Size.)

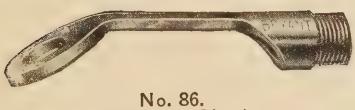
GAS ATTACHMENTS.



No. 1289.
(⅔ Full Size.)



No. 80.
(⅔ Full Size.)



No. 86.
(⅔ Full Size.)

Code Word.	List No.		Std. Pkg.	List Price Each.
Census	239	Angle, Dull Brass	500	.04
Centage	240	Angle, Polished Brass.	250	.04½
Finnic	1289	Straight, Dull Brass	500	.04
Finnicking	1290	Straight, Pol. Brass	250	.04¼
Censorial	80	Polished Brass	100	.09
Censurable	86	Polished Brass	100	.07

No. 13416.

THE ELECTROGRIP.

A UNIVERSAL ADJUSTER.

For Suspended Electric Lamps.

It is a little wonder as you adjust the lamp to throw the light just where you want it, and do it quickly.

Is readily attachable to any part of the desk, and when not in use can be adjusted quickly to cable to take it out of the way.

Approved by the Board of Fire Underwriters, Building and Wire Commissioners and Electrical Experts.

Dimpled	13416	Electric Grip, only	.25
Dingont	13417	Electric Grip, with Guard	.30

INCANDESCENT SUPPLIES.

No. 42866.

O. K. LAMP COLORING.

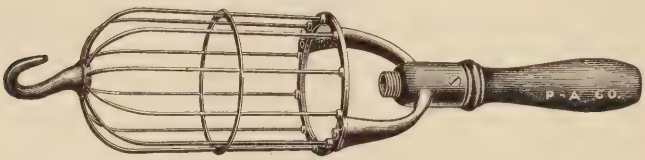
These bottles are carefully packed in a paper carton, each equipped with a tin dripping cup. We carry in Boston stock the 4 ounce, ½ pint and 1 pint bottles.

This coloring will cover approximately twenty 16 candle power lamps to the ounce—that is, a pint should cover more than 300 lamps.

Code Word.	List No.		List Price Each.
Zaganuc	42866	Gallon Jugs	$9.00
Zaganud	42867	Pint Bottles	2.00
Zaganuf	42868	½ Pint Bottles	1.30
Zaganug	42869	6-Ounce Bottles	1.00
Zaganuh	42870	4-Ounce Bottles	.70

"EXEMPLAR" LAMP GUARD.

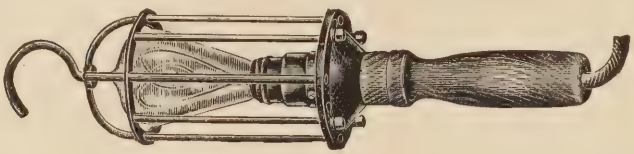
A Strong, Well Finished and Practical Guard.



No. 44226.

Zohif	44226	Guard only, for 16 or 32 candle power lamp	2.50
Zohig	44227	Wired complete with 10 feet cord, socket and plug	3.50

CRESCENT PORTABLE LAMP GUARD.



Is especially adapted for use where a portable protector will receive hard usage. Is strong, light and convenient. Without socket.

Zagapag	42857	32 Candle Power	2.50
Zagapah	42858	16 Candle Power only	2.00

No. 42871.

TUNGSTELET.

The Tungstelet saves 75% of lamp cost by absorbing all vibrations and shocks, thus insuring the filaments of the lamps against breaking. The device is so arranged that the weight of the lamp socket and shade is balanced against the compression of a spring.

		Mfr. No.		
Zaganuk	42871	100	⅛ inch	.32
Zaganul	42872	101	⅜ inch	.40
Zaganum	42873	102	½ inch	.50

INCANDESCENT SUPPLIES.

SACA CORD ADJUSTER ATTACHMENT.

A shock absorber and cord adjuster. Eliminates those sudden shocks which are so disastrous to fragile filaments.

May be applied without detaching cord.

The illustration shows the attachment in use.

Code Word.	List No.		List Price Each.
Zaganun	42874	Each	$0.20

BALL CORD ADJUSTER.

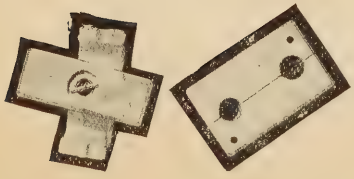
Black Enamel.

Zagarup	42875	For Lamp Cord; per 100	1.50
Zaganur	42876	For Show Window Cord; per 100	3.00

DOW LAMP ADJUSTER.

Can be operated with one hand. Is not liable to get out of order, and is much safer than long cords, as the cord when not in use can be rolled up out of the way. In most places the adjuster can be placed on the cord now in use.

Zaganus	42877	Polished Brass; per dozen	18.00
Zaganut	42878	Nickel; per dozen	20.00
Zaganuv	42879	Bronze; per dozen	20.00



"SLIPON" IMPROVED CORD ADJUSTER.

Made of porcelain and does not chafe the insulation. Easily applied, without tools, without cutting the cord.

Zaganuw	42880	Per 100	7.50

INCANDESCENT SUPPLIES.

No. 42862.

"EXEMPLAR" LAMP MANIPULATOR TITE-GRIP.

The best mechanical device for removing and replacing incandescent lamps at any height, doing away with stepladders, etc. Will save time, labor and money.

It is a soft rubber, corrugated cylinder set in an ebonite mounting with polished brass reinforcement and has a socket with a set screw to take handles of varying lengths.

The cylinder slips easily over the largest diameter of the lamp bulb, gripping it firmly. A lamp can be unscrewed from the socket by turning the stick, and it can be brought down safely from any height or vice versa. The TITE-GRIP will quickly let go its hold when the lamp is screwed into the socket and a good contact made.

Sticks in sections of three feet each with telescopic joints can be furnished to reach any required height.

MAZDA LAMPS are handled safely by the soft rubber, corrugated cup.

Code Word.	List No.	Mfr. No.		List Price Each.
Zaganoy	42862	1	Fits Standard Bulb, 16 c. p.; also 40-watt Mazda Lamps.....	**$3.00**
Zaganoz	42863	2	Fits Standard Bulb, 32 c. p.; also 60-watt Mazda Lamps.....	3.00

List Price includes 6-foot Handle.

Handles furnished in sections of 3 feet each; per section..... .30

No. 42864. No. 42865.

INCANDECENT LAMP REPLACERS

Are the only machines in the world with which one can replace or clean any candle power lamp, of any standard make, at any height or angle, without the use of long step or extension ladders or staging.

Just what are needed for Churches, Halls, Theatres, Public Buildings, Street Lights, Etc.

Zaganu	42864	1	Straight Reach, first 3 feet..	**$3.50**
			Each additional foot.....	.50
Zaganub	42865	3	Any Angle, first 3 feet.....	5.00
			Each additional foot.....	.75

Made of Brass; if of Aluminum add 25%.

In ordering give Style Number, Length, Shape and Candle Power of Lamp.

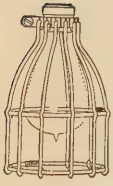
"NEVER BREAK" LAMP GUARDS.

NEW "NEVER BREAK."

List No.	C. P.	List Price Per Doz.
30177	8 Light.....	$2.00
30178	16 Light.....	2.00
30179	32 Light.....	2.50
30180	16 Heavy.....	3.00
30181	32 Heavy.....	4.00

HANDY CLAMP.

30182	8 Light.....	2.00
30183	16 Light.....	2.00
30184	32 Light.....	2.50
30185	16 Heavy.....	3.00
30186	32 Heavy.....	4.00



OPEN BOTTOM.

30187	16 Light.....	2.00
30188	32 Light.....	2.50
30189	16 Heavy.....	3.00
30190	32 Heavy.....	4.00

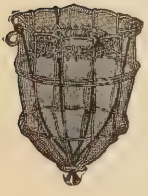
WEATHERPROOF SOCKET GUARDS.

Without Attachment.

30191	16 Light.....	2.00
30192	32 Light.....	2.50
30193	16 Heavy.....	3.00
30194	32 Heavy.....	4.00

With Attachment.

30195	16 Light.....	3.50
30196	32 Light.....	4.00
30197	16 Heavy.....	4.50
30198	32 Heavy.....	5.50



CHIP GUARD.

30199	16 C. P.....	3.50
30200	32 C. P.....	4.50

NEW OPEN BOTTOM GUARD.

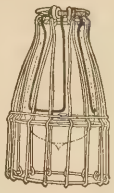
With Cushion Ring. — Lock Bottom Guard. — For Brass Sockets.

30201	16 Light.....	2.50
30202	32 Light.....	4.00
30203	16 Heavy.....	4.50
30204	32 Heavy.....	5.50

CUSHION GUARD.

For Brass Sockets.

30205	16 Light.....	2.50
30206	32 Light.....	3.00
30207	16 Heavy.....	3.50
30208	32 Heavy.....	4.50



NEW OPEN BOTTOM GUARD.

With Cushion Ring. For Weatherproof Sockets.

List No.	C. P.	List Price Per Doz.
30209	16 Light.....	$2.50
30210	32 Light.....	3.00
30211	16 Heavy.....	3.50
30212	32 Heavy.....	4.50

NEW "NEVER BREAK."

With Socket Support. Similar to Protector "H."

40699	16 Light.....	2.50
40700	32 Light.....	3.00
40701	16 Heavy.....	3.50
40702	32 Heavy.....	4.50

COMBINATION, HORIZONTAL.

40703	16 Light.....	4.50
40704	32 Light.....	6.00
40705	16 Heavy.....	5.50

COMBINATION, PERPENDICULAR.

40706	16 Light.....	4.50
40707	32 Light.....	6.00
40708	16 Heavy.....	5.50

COMBINATION REFLECTOR AND GUARD.

40709	16 Light.....	4.50
40710	32 Light.....	6.00
40711	16 Heavy.....	5.50
40712	32 Heavy.....	7.00

NO STEAL GUARDS.

For Brass Sockets.

40713	16 Light.....	2.50
40714	32 Light.....	3.00
40715	16 Heavy.....	3.50
40716	32 Heavy.....	4.50

For Weatherproof Sockets.

40717	16 Light.....	2.50
40718	32 Light.....	3.00
40719	16 Heavy.....	3.50
40720	32 Heavy.....	4.50

TWO RING GUARD.

3¼ and 4¼ Inch Holders.

40721	16 Light.....	1.50
40722	32 Light.....	2.00
40723	16 Heavy.....	2.50
40724	32 Heavy.....	3.50

"NEVER BREAK" SPECIALTIES.

INNER GLOBE GUARD.

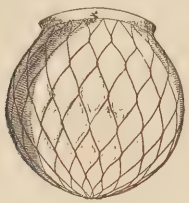
Code Word.	List No.	List Price Per Doz.
Zafuyay	40666	$18.00

INNER GLOBE NETS.

Zafuyaz	40667	Coarse Mesh	2.50
Zafuye	40668	Fine Mesh	3.75

Give Style Number of Globe.

OUTER GLOBE NETS.



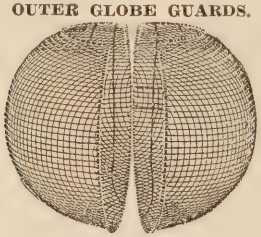
Coarse Mesh.

Zafuyeb	40669	12 in.	4.00
Zafuyec	40670	14 in.	5.00

Fine Mesh.

Zafuyed	40671	12 in.	8.00
Zafuyef	40672	14 in.	10.00

OUTER GLOBE GUARDS.



Coarse Mesh.

Zafuyeg	40673	12 in.	30.00
Zafuyeh	40674	14 in.	36.00

Fine Mesh.

Zafuyek	40675	12 in.	36.00
Zafuyel	40676	14 in.	42.00

TUBULAR LAMP GUARD.

6½ x 2 Inches.

Zafuyem 40677 ..... 6.00

BUNG HOLE GUARD.

Zafuyen 40678 ..... 6.00

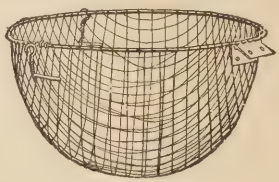
WEBSTER CLUSTER GUARDS.

With Hinge, Etc., Screw Eye Bolts, or Snap Catches.

Code Word.	List No.		List Pr. Per Doz. Light.	Heavy.
Zafuyep	40679	12 in.	$14.00	$21.00
Zafuyer	40680	14 in.	16.00	24.00
Zafuyes	40681	16 in.	18.00	27.00
Zafuyet	40682	18 in.	20.00	30.00
Zafuyev	40683	20 in.	22.00	33.00
Zafuyew	40684	22 in.	26.00	39.00
Zafuyex	40685	24 in.	30.00	45.00

For Brass or Copper Finish add 25 Per Cent.

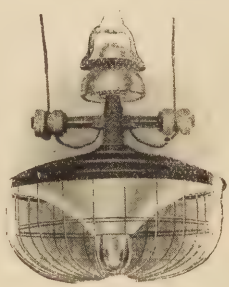
MORSE CLUSTER GUARDS.



			Without Top.	With Top.
Zafuyey	40686	12 in.	14.00	28.00
Zafuyez	40687	14 in.	16.00	32.00
Zafuyi	40688	16 in.	18.00	36.00
Zafuyib	40689	18 in.	20.00	40.00
Zafuyic	40690	20 in.	22.00	44.00
Zafuyid	40691	22 in.	26.00	52.00
Zafuyif	40692	24 in.	30.00	60.00

MORSE STREET LAMP GUARDS.

Made of Galvanized Steel Wire.



No. 40693.

No. 40697.

Zafuyih	40693	12 in.	18.00
Zafuyik	40694	14 in.	21.00
Zafuyil	40695	16 in.	24.00
Zafuyim	40696	18 in.	27.00

FOR TUNGSTEN LAMPS.

Lamp can be renewed without detaching guard, by opening bottom cover.

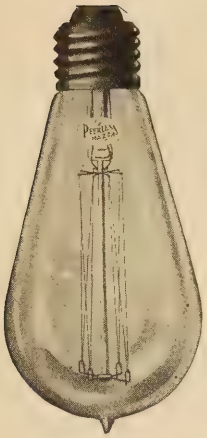
11 Inches Deep.

Zafuyin	40697	13½ in. diameter.	30.00
Zafuyip	40698	17 in. diameter.	37.50

PEERLESS INCANDESCENT LAMPS.

Edison Base.

MAZDA MULTIPLE LAMPS.



Regular.

Voltage Class.	Nominal Watts.	Voltage Step.	Appx. C. P.	Std. Pkg., No. and Weight.	List Price Plain.	List Price Frosted.
100-125	25	Top	19	100, 45 lb.	.70	.75
100-125	25	Middle	17	100, 45 lb.	.70	.75
100-125	25	Bottom	16	100, 45 lb.	.70	.75
100-125	40, small bulb	Top	32	100, 60 lb.	.80	.85
100-125	40, small bulb	Middle	30	100, 60 lb.	.80	.85
100-125	40, small bulb	Bottom	28	100, 60 lb.	.80	.85
100-125	40, large bulb	Top	32	50, 47 lb.	.90	.95
100-125	40, large bulb	Middle	30	50, 47 lb.	.90	.95
100-125	40, large bulb	Bottom	28	50, 47 lb.	.90	.95
100-125	60	Top	50	50, 50 lb.	1.10	1.17
100-125	60	Middle	47	50, 50 lb.	1.10	1.17
100-125	60	Bottom	44	50, 50 lb.	1.10	1.17
100-125	100	Top	84	24, 32 lb.	1.45	1.55
100-125	100	Middle	79	24, 32 lb.	1.45	1.55
100-125	100	Bottom	73	24, 32 lb.	1.45	1.55
100-125	150	Top	127	24, 33 lb.	2.10	2.25
100-125	150	Middle	118	24, 33 lb.	2.10	2.25
100-125	150	Bottom	110	24, 33 lb.	2.10	2.25
100-125	250	Top	222	12, 27 lb.	3.00	3.20
100-125	250	Middle	204	12, 27 lb.	3.00	3.20
100-125	250	Bottom	191	12, 27 lb.	3.00	3.20

Round Bulb.

100-125	25	Top	19	50, 36 lb.	1.05	1.10
100-125	25	Middle	17	50, 36 lb.	1.05	1.10
100-125	25	Bottom	16	50, 36 lb.	1.05	1.10
100-125	40	Top	32	24, 30 lb.	1.15	1.20
100-125	40	Middle	30	24, 30 lb.	1.15	1.20
100-125	40	Bottom	28	24, 30 lb.	1.15	1.20

Meridian.

100-125	40	Top	32	24, 30 lb.	1.25	1.25
100-125	40	Middle	30	24, 30 lb.	1.25	1.25
100-125	40	Bottom	28	24, 30 lb.	1.25	1.25
100-125	60	Top	50	24, 36 lb.	1.50	1.50
100-125	60	Middle	47	24, 36 lb.	1.50	1.50
100-125	60	Bottom	44	24, 36 lb.	1.50	1.50

Regular.

	Total Watts.					
200-250	45	.....	30	50	1.35	1.40
200-250	70	.....	47	50	1.65	1.75
200-250	110	.....	74	24	2.15	2.30
200-250	180	.....	121	24	3.15	3.35

Meridian.

	Nominal Watts.					
200-250	45	.....	30	24, 32 lb.	1.90	1.90
200-250	70	.....	47	24, 36 lb.	2.25	2.25

Regular.

	Total Watts.					
*25-34	10	.....	8	100	.60	.65
*25-34	15	.....	12	100	.60	.65
*25-34	20	.....	17	100	.60	.65
*25-34	25	.....	21	100	.60	.65
*25-34	40	.....	34	100	.75	.80
*57-65	15	.....	11	100	.65	.70
*57-65	20	.....	16	100	.65	.70
*57-65	25	.....	20	100	.65	.70
*57-65	40	.....	34	100	.80	.85

Meridian Lamps are shipped "bowl" frosted, unless otherwise specified. Orders for Regular Lamps should specify whether "bowl" frosted, "full" frosted or "plain" lamps are desired. If ordered "frosted," bowl frosted will be supplied unless order specifies "full" frosted.

Lamps of voltages 126 to 135 and 136 to 199 volts will be 20% additional to the price of nearest corresponding lamp of 100 to 125 and 200 to 250 volts, respectively.

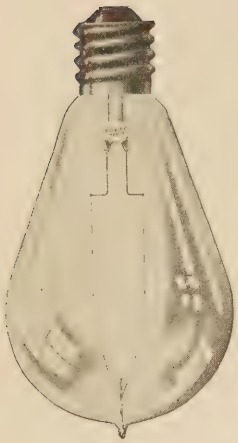
*Used with compensator or reducing transformer or in series on 100-125 volts.

Standard package discounts for lamps in the above schedule can be given only on orders for exact standard package quantities or multiples thereof. It is allowable, however, to combine in one standard package all sizes of lamps having the same standard package quantity (except that Meridian Lamps cannot be combined with Regular); it is also allowable (for lamps having same standard package quantities) to combine different voltages and finish of bulb.

In ordering lamps always specify the wattage, voltage of the line, and whether top, middle or bottom voltage lamps are required.

PEERLESS INCANDESCENT LAMPS.

Edison Base.



MAZDA STREET SERIES LAMPS.

Ampere Range.	Average Volts.	Nominal Aver. Total Watts.	Nominal Candle Power.	Std. Pkg. Qty.	List Price Plain.	Extra to List for Frosting.
1.75 (1.7 to 1.8)	17.8	31	25	50	$1.35	$0.07
1.75 (1.7 to 1.8)	22.8	40	32	50	1.35	.07
1.75 (1.7 to 1.8)	28.6	50	40	50	1.35	.07
1.75 (1.7 to 1.8)	42.9	75	60	50	1.35	.07
3.5 (3 to 3.8)	8.9	31	25	50	1.35	.07
3.5 (3 to 3.8)	11.4	40	32	50	1.35	.07
3.5 (3 to 3.8)	14.3	50	40	50	1.35	.07
3.5 (3 to 3.8)	21.4	75	60	50	1.35	.07
3.5 (3 to 3.8)	28.6	100	80	24	1.60	.10
4.0 (3.8 to 4.3)	7.8	31	25	50	1.35	.07
4.0 (3.8 to 4.3)	10.0	40	32	50	1.35	.07
4.0 (3.8 to 4.3)	12.5	50	40	50	1.35	.07
4.0 (3.8 to 4.3)	18.8	75	60	50	1.35	.07
4.0 (3.8 to 4.3)	25.0	100	80	24	1.60	.10
4.0 (3.8 to 4.3)	62.5	250	200	12	3.25	.20
5.5 (5.1 to 5.9)	5.7	31	25	50	1.35	.07
5.5 (5.1 to 5.9)	7.3	40	32	50	1.35	.07
5.5 (5.1 to 5.9)	9.1	50	40	50	1.35	.07
5.5 (5.1 to 5.9)	13.6	75	60	50	1.35	.07
5.5 (5.1 to 5.9)	18.2	100	80	24	1.60	.10
5.5 (5.1 to 5.9)	45.5	250	200	12	3.25	.20
6.6 (6.1 to 6.9)	4.7	31	25	50	1.35	.07
6.6 (6.1 to 6.9)	6.1	40	32	50	1.35	.07
6.6 (6.1 to 6.9)	7.6	50	40	50	1.35	.07
6.6 (6.1 to 6.9)	11.3	75	60	50	1.35	.07
6.6 (6.1 to 6.9)	15.2	100	80	24	1.60	.10
6.6 (6.1 to 6.9)	37.9	250	200	12	3.25	.20
7.5 (7 to 8)	5.3	40	32	50	1.60	.07
7.5 (7 to 8)	6.7	50	40	50	1.60	.07
7.5 (7 to 8)	10.0	75	60	50	1.60	.07
7.5 (7 to 8)	13.3	100	80	24	1.80	.10
7.5 (7 to 8)	33.3	250	200	12	3.25	.20

MAZDA SIGN LAMPS.

Voltage Class.	Total Watts.	Approx. Candle Power.	Std. Pkg. Qty.	List Price Plain.	List Price Frosted.
10 to 13	5	4	100	.45	.50

The efficiency of the Mazda Sign Lamp is 1 to 1¼ w. p. c.

Mazda Sign Lamps can be supplied in natural colors at the following additional list charges: Green and Blue, 15 cents; Purple, 22 cents; Ruby and Opal, 30 cents; Amber and Canary, 35 cents.

Standard package discounts for lamps in the above schedule can be given only on orders for exact standard package quantities or multiples thereof. It is allowable, however, to combine in one standard package all sizes of lamps having the same standard package quantity (except that Meridian Lamps cannot be combined with Regular); it is also allowable (for lamps having same standard package quantities) to combine different voltages and finish of bulb.

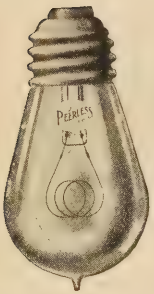
In ordering lamps always specify the wattage, voltage of the line, and whether top, middle or bottom voltage lamps are required.

PEERLESS INCANDESCENT LAMPS.

Edison Base.

STANDARD CARBON FILAMENT LAMPS.

Volts.	Nominal Watts.	Voltage Step.	Approx. Candle Power.	Std. Pkg. Qty.	List Price Plain.	Extra to List for Frosting.
100 to 130	10	.....	2	250	$0.20	$0.02½
100 to 130	20	.....	4	250	.20	.02½
100 to 130	25	Top	8	250	.20	.02½
100 to 130	25	Middle	6	250	.20	.02½
100 to 130	25	Bottom	6	250	.20	.02½
100 to 130	30	Top	10	250	.20	.02½
100 to 130	30	Middle	8	250	.20	.02½
100 to 130	30	Bottom	8	250	.20	.02½
100 to 130	50	Top	16	250	.20	.02½
100 to 130	50	Middle	12½	250	.20	.02½
100 to 130	50	Bottom	12½	250	.20	.02½
100 to 130	60	Top	20	250	.20	.02½
100 to 130	60	Middle	18	250	.20	.02½
100 to 130	60	Bottom	16	250	.20	.02½
100 to 130	100	Top	32	125	.30	.03
100 to 130	100	Middle	25	125	.30	.03
100 to 130	100	Bottom	25	125	.30	.03
100 to 130	120	Middle	32	125	.30	.03



CARBON FILAMENT SIGN LAMPS.

45 to 99	10	.....	2	250	.20	.02½
100 to 130	10	.....	2	250	.20	.02½
100 to 130	20	.....	4	250	.20	.02½
100 to 130	20	.....	4	250	.20	.02½

DOUBLE ANCHORED CARBON FILAMENT LAMPS.

200 to 260	35	.....	8	250	.22	.02½
200 to 260	60	.....	16	250	.22	.02½
200 to 260	120	.....	32	125	.40	.03

Add 10% to list for sign lamps, 20 to 99 volts; for regular lamps up to and including 24 c. p. in voltage from 20 to 99. 32 c. p. in these voltages are 40 cents list.

For superficial coloring add 25% to list price plain lamps.

For natural colored lamps multiply the list price of plain lamps of the same class, style and voltage by the factor for each color given below: Green-Blue, 1½; Purple, 1¾; Ruby-Opal, 2; Amber, Canary, 2½.

Lamps of voltages 131 to 199 and above 260 volts are not regularly made, but may be supplied in 200-260 volt types, and the price shall be 20% additional to list price of 200-260 volt lamps given.

In ordering lamps always specify the wattage, voltage of the line, and whether top, middle or bottom voltage lamps are required.

PEERLESS INCANDESCENT LAMPS.

Edison Base.

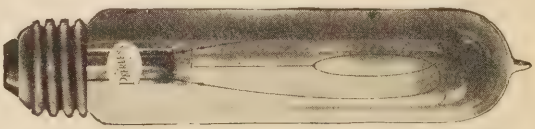
MILL TYPE.

Voltage Class.	Nominal Watts.	Voltage Step.	Approx. Candle Power.	Std. Pkg. Qty.	List Price Plain.	Extra to List for Frosting.
100 to 130	60	Top	20	200	$0.20	$0.02½
100 to 130	60	Middle	18	200	.20	.02½
100 to 130	60	Bottom	16	200	.20	.02½

ROUND.

100 to 130	20	.....	4	200	.25	.02½
100 to 130	30	Top	10	200	.25	.02½
100 to 130	30	Middle	9	200	.25	.02½
100 to 130	30	Bottom	8	200	.25	.02½
100 to 130	60	Top	20	200	.25	.02½
100 to 130	60	Middle	18	200	.25	.02½
100 to 130	60	Bottom	16	200	.25	.02½
100 to 130	120	Top	40	100	.40	.03
100 to 130	120	Middle	36	100	.40	.03
100 to 130	120	Bottom	32	100	.40	.03

TUBULAR.



100 to 130	30	Top	10	200	.30	.02½
100 to 130	30	Middle	9	200	.30	.02½
100 to 130	30	Bottom	8	200	.30	.02½
100 to 130	60	Top	20	200	.30	.02½
100 to 130	60	Middle	18	200	.30	.02½
100 to 130	60	Bottom	16	200	.30	.02½
100 to 130	120	Top	40	100	.55	.03
100 to 130	120	Middle	36	100	.55	.03
100 to 130	120	Bottom	32	100	.55	.03

STEREOPTICON.

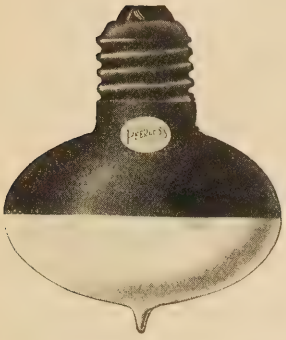
100 to 130	80	.....	24	200	.40	
100 to 130	130	.....	32	200	.60	
100 to 130	130	.....	32	50	.50	
100 to 130	200	.....	50	50	.75	
100 to 130	260	.....	101	50	.75	Bull's Eye Frosting, 25%.
100 to 130	375	.....	101	20	1.50	

Round Bulb Lamps of voltages 131 to 199 and above 260 volts are not regularly made, but may be supplied in 200-260 volt types, and the price shall be 20% additional to list price of 200-260 volt lamps given.

In ordering lamps always specify the wattage, voltage of the line, and whether top, middle **or bottom** voltage lamps are required.

PEERLESS INCANDESCENT LAMPS.

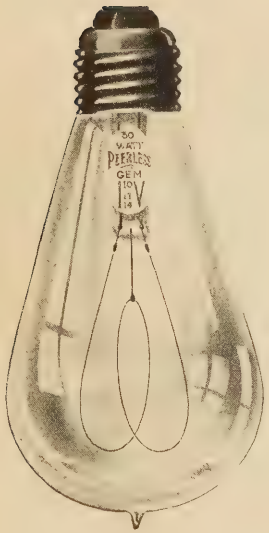
Edison Base.



REFLECTOR LAMPS.

Voltage Class.	Nominal Watts.	Approx. Candle Power.	Std. Pkg. Qty.	List Price Silvered.	List Price Unsilvered.	Extra to List for Frosting.
20 to 99	15	5	100	$0.40	$0.30	For Frosting Unsilvered Lamps, add $c.02½ to List.
20 to 99	37	40	100	.40	.30	
20 to 99	48	50	100	.40	.30	
100 to 130	15	6	100	.35	.25	
100 to 130	37	40	100	.35	.25	
100 to 130	48	50	100	.35	.25	
200 to 260	42	40	100	.40	.30	
200 to 260	55	50	100	.40	.30	

GEM, REGULAR AND MERIDIAN LAMPS.



		Voltage Step.	Approx. Can. Pow.	Std. Pkg. Qty.	List Price Plain.	Ex. to List for Frost'g
100 to 130	40	Top	15	250	.23	.02½
100 to 130	40	Middle	14	250	.23	.02½
100 to 130	40	Bottom	12	250	.23	.02½
100 to 130	50	Top	20	250	.23	.02½
100 to 130	50	Middle	18	250	.23	.02½
100 to 130	50	Bottom	16	250	.23	.02½
100 to 130	80	Top	32	125	.35	.03
100 to 130	80	Middle	30	125	.35	.03
100 to 130	80	Bottom	27	125	.35	.03
100 to 130	100	Top	40	100	.40	..
100 to 130	100	Middle	37	100	.40	..
100 to 130	100	Bottom	33	100	.40	..
100 to 130	125	Top	50	50	.50	..
100 to 130	125	Middle	46	50	.50	..
100 to 130	125	Bottom	42	50	.50	..
100 to 130	187.5	Top	76	30	.70	..
100 to 130	187.5	Middle	69	30	.70	..
100 to 130	187.5	Bottom	63	30	.70	..
100 to 130	250	Top	101	20	.90	..
100 to 130	250	Middle	93	20	.90	..
100 to 130	250	Bottom	84	20	.90	..

MERIDIAN.

*100 to 130	50	Top	20	24	.50	..
*100 to 130	50	Middle	18	24	.50	..
*100 to 130	50	Bottom	16	24	.50	..
*100 to 130	100	Top	40	24	.70	..
*100 to 130	100	Middle	37	24	.70	..
*100 to 130	100	Bottom	33	24	.70	..

The Meridian Lamps will be regularly supplied "bowl frosted" unless otherwise ordered.

*Either tipped or tipless bulbs. For Meridian Lamps 200 to 260 volts see Carbon Schedule C-2, Sheet 3.

The efficiency of all the regular types is 2.5, 2.65 and 2.8 w. p. c. at first, second and third voltage, respectively.

In ordering lamps always specify the wattage, voltage of the line, and whether top, middle or bottom voltage lamps are required.

PEERLESS INCANDESCENT LAMPS.

Edison Base.

REGULAR TANTALUM LAMPS.

Voltage Class.	Nominal Watts.	Voltage Step.	Approx. Can. Pow.	Std. Pkg. No. and Weight.	List Price Plain.	List Price Frosted.
100-125	25	Top	13	100 lamps, 32 lbs.	.50	.52½
100-125	25	Middle	12	100 lamps, 32 lbs.	.50	.52½
100-125	25	Bottom	11	100 lamps, 32 lbs.	.50	.52½
100-125	40	Top	22	100 lamps, 32 lbs.	.50	.52½
100-125	40	Middle	20	100 lamps, 32 lbs.	.50	.52½
100-125	40	Bottom	19	100 lamps, 32 lbs.	.50	.52½
100-125	50	Top	28	100 lamps, 32 lbs.	.50	.52½
100-125	50	Middle	26	100 lamps, 32 lbs.	.50	.52½
100-125	50	Bottom	24	100 lamps, 32 lbs.	.50	.52½
100-125	80	Top	44	50 lamps, 32 lbs.	.85	.88
100-125	80	Middle	41	50 lamps, 32 lbs.	.85	.88
100-125	80	Bottom	38	50 lamps, 32 lbs.	.85	.88
200-250	50	.....	25	50 lamps, 33 lbs.	1.00	1.05
200-250	80	.....	40	24 lamps, 32 lbs.	1.25	1.30

TANTALUM ROUND BULB AND MERIDIAN LAMPS.

100-125	*25	Top	13	50 lamps, 35 lbs.	.60	.63
100-125	*25	Middle	12	50 lamps, 35 lbs.	.60	.63
100-125	*25	Bottom	11	50 lamps, 35 lbs.	.60	.63
100-125	*40	Top	22	24 lamps, 29 lbs.	.70	.73
100-125	*40	Middle	20	24 lamps, 29 lbs.	.70	.73
100-125	*40	Bottom	19	24 lamps, 29 lbs.	.70	.73
100-125	†40	Top	22	24 lamps, 30 lbs.	1.00	1.00
100-125	†40	Middle	20	24 lamps, 30 lbs.	1.00	1.00
100-125	†40	Bottom	19	24 lamps, 30 lbs.	1.00	1.00
100-125	†80	Top	44	24 lamps, 36 lbs.	1.00	1.05
100-125	†80	Middle	41	24 lamps, 36 lbs.	1.00	1.05
100-125	†80	Bottom	38	24 lamps, 36 lbs.	1.00	1.05
200-250	†50	.....	25	24 lamps, 31 lbs.	1.40	1.40
200-250	†80	.....	40	24 lamps, 37 lbs.	1.75	1.75

*Round Bulb Unskirted Base.

†Meridian Lamps 40 watts being No. 1; 80 watts, 100 to 125 volts, No. 2; 50 watts, No. 3; 80 watts, 200 to 250 volts, No. 4.

(Efficiency, 2 Watts per Mean Horizontal C. P.)

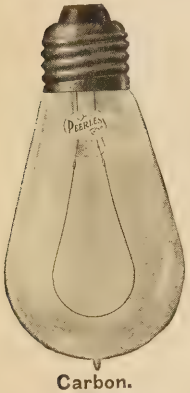
The Meridian type will be supplied "bowl" frosted, unless otherwise specified.

Standard package discounts for lamps in the above schedule can be given only on orders for exact standard package quantities or multiples thereof. It is allowable, however, to combine in one standard package all sizes of lamps having the same standard package quantity (except that Meridian Lamps cannot be combined with Regular); also to combine lamps (having same standard package quantities) of different voltages and finish of bulb.

In ordering lamps always specify the wattage, voltage of the line, and whether top, middle or bottom voltage lamps are required.

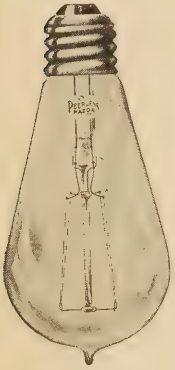
PEERLESS INCANDESCENT LAMPS.

Fitted with Standard Edison Base, except Berth Light which is Supplied with Candelabra Base.



Carbon.

Tantalum.



Mazda.

TRAIN LIGHTING LAMPS.

Carbon.

Voltage Class.	Nominal Watts.	Approx. Candle Power.	Std. Pkg. Qty.	List Price Plain.	List Price Frosted.
*57 to 65	†20	8	200	$0.30	$0.32
‡57 to 65	25	8	200	.30	.325
‡57 to 65	35	12	200	.30	.325
‡57 to 65	†50	20	24	.55	.60
‡57 to 65	†100	40	24	.80	.90
§57 to 65	25	8	200	.22	.245
§57 to 65	35	12	200	.22	.245
*28 to 34	†15	6	200	.30	.32
‡28 to 34	25	8	200	.30	.325
‡28 to 34	35	12	200	.30	.325
‡28 to 34	†100	40	24	.80	.90
§28 to 34	25	8	200	.22	.245
§28 to 34	35	12	200	.22	.245

Tantalum.

Voltage Class.	Total Watts.	Approx. Candle Power.	Std. Pkg. Qty.	List Price Plain.	List Price Frosted.
‡57 to 65	25	12	100	.55	.575
‡57 to 65	40	20	24	.75	.80
‡57 to 65	80	40	24	1.00	1.10
§57 to 65	25	12	100	.50	.525
‡28 to 34	16	8	100	.55	.575
‡28 to 34	25	12	100	.55	.575
‡28 to 34	80	40	24	1.00	1.10
§28 to 34	16	8	100	.50	.525
§28 to 34	25	12	100	.50	.525

Mazda.

‡57 to 65	15	12	100	.75	.80
‡57 to 65	20	16	100	.75	.80
‡57 to 65	25	20	100	.75	.80
‡57 to 65	40	32	24	1.00	1.05
‡57 to 65	50	40	24	1.00	1.05
§57 to 65	20	16	100	.65	.70
§57 to 65	25	20	100	.65	.70
§57 to 65	40	32	100	.80	.85
‡28 to 34	15	12	100	.70	.75
‡28 to 34	20	16	100	.70	.75
‡28 to 34	25	20	100	.70	.75
‡28 to 34	40	32	24	.90	.95
‡28 to 34	50	40	24	.90	.95
§28 to 34	15	12	100	.60	.65
§28 to 34	25	20	100	.60	.65
§28 to 34	40	32	100	.75	.80

*Berth Light. ‡Round. §Regular.

†Gem Filament Berth Light tipless, 2 cents list additional.

Standard package discounts for lamps in the above schedule can be given only on orders for exact standard package quantities or multiples thereof. It is allowable, however, to combine in one standard package all sizes of lamps having the same standard package quantity (except that Meridian Lamps cannot be combined with Regular); it is also allowable (for lamps having same standard package quantities) to combine different voltages and finish of bulb.

In ordering lamps always specify the wattage, voltage of the line, and whether top, middle or bottom voltage lamps are required.

HYLO-ECONOMICAL TURN-DOWN LAMPS.

Turn Bulb. No. 2.

Candle Power.	Voltage.	Code Word.	List No.	List Pr. Each.	Code Word.	List No.	List Pr. Each
			TURN BULB. No. 2.		ECONOMICAL. No. 1.		PULL STRING
8x½	45 to 130	Zupup	46205	$0.60	Zupug	46199	$0.60
16x1	45 to 130	Zupur	46206	.60	Zupuh	46200	.60
32x1	45 to 130	Zupus	46207	.70	Zupuk	46201	.70
8x½	200 to 250	Zuput	46208	.65	Zupul	46202	.65
16x1	200 to 250	Zupuv	46209	.65	Zupum	46203	.65
32x1	200 to 250	Zupuw	46210	.75	Zupun	46204	.75

Pull String Economical. No. 1.

			LONG DISTANCE. No. 6.			PULL STRING HYLO. No. 7.	
8x½ and out	45 to 130	Zupux	46211	1.25	Zadase	46217	.62
16x1 and out	45 to 130	Zupuy	46212	1.25	Zadaseb	46218	.62
32x1 and out	45 to 130	Zupuz	46213	1.35	Zadasec	46219	.72
8x½ and out	200 to 250	Zura	46214	1.30	Zadased	46220	.67
16x1 and out	200 to 250	Zabeyiz	46215	1.30	Zadasef	46221	.67
32x1 and out	200 to 250	Zadasaz	46216	1.40	Zadaseg	43297	.77

Long Distance Lamp is Complete With Three Feet of Cord and Switch.

ADDITIONAL CHARGES.—ALL TYPES.

Zadaseh	43298	Frosting	.05
Zadasek	46224	Artificial coloring	.05
Zadasel	46225	Natural colors	.25
Zadoyis	31954	Extra length for long distance lamp, per foot	.03

Standard package, 250.

Lots of case, 100 or less than case, less than 100 can be assorted in all types, C. P. and voltages.

Each Lamp is Packed in Card Board Carton.

Long Distance. No. 6.

TUNGSTEN.

TURN-DOWN HYLO-ECONOMICAL LAMP.

An ordinary Tungsten Lamp in connection with turn-down feature.

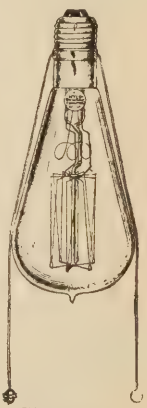
The Tungsten filament consumes 35 watts, and gives 27 C. P.

The small filament (carbon) consumes 8 to 10 watts, and gives 1 C. P.

The Tungsten filament being short, makes it strong and durable, therefore can be used in any position.

Can be furnished in voltages from 100 to 130.

Standard package, 100.



Tungsten Turn-Down Lamp.

Pull String Hylo. No. 7.

Zadoyit	31955		1.60

Can also be furnished in all types same as Standard Hylo-Economical, viz:

Economical Pull String.

Economical and Hylo Turn Bulb.

Economical Long Distance. (Regular additional charge for cord and switch.)

G. E. MAZDA LOW VOLT AND MINIATURE LAMPS.

LOW VOLT, 20 VOLTS AND BELOW TYPES.

Efficiency, 1 to 1¼ W. P. C.—Standard Edison Base.—Standard Package, 100 Lamps.*

Type.	Watts.	Candle Power.	Volts.	Bulb— Style.	Bulb— Diam. Ins.	List Price Ea.— Clear.	List Price Ea.— Frosted.
Regular	2.5, 5, 7.5 & 10	2, 4, 6 and 8	4 to 6	SS-14	1 3/4	$0.55	$0.60
Regular	7.5 & 10	6 and 8	8 to 13	SS-14	1 3/4	.55	.60
Regular	5	4 only, Sign Lamp	10 to 13	SS-14	1 3/4	.45	.50
Regular	7.5 & 10	6 and 8	20	SS-14	1 3/4	.65	.70
Regular	10, 12.5 & 15	8, 10 and 12	8 to 13	SS-17	2 1/8	.55	.60
Regular	20 & 25	16 and 20	8	SS-19	2 3/8	.55	.60
Regular	20, 25 & 30	16, 20 and 24	10 to 13	SS-19	2 3/8	.55	.60
Regular	15, 20 & 25	12, 16 and 20	20	SS-19	2 3/8	.65	.70
Round	5	4	4	G-16½	2 1/16	.55	.60
Round	7.5	6	6	G-16½	2 1/16	.55	.60
Round	10 & 12.5	8 and 10	8 and 10	G-16½	2 1/16	.55	.60
Round	12.5 & 20	10 and 16	12	G-16½	2 1/16	.55	.60
Round	20 & 25	16 and 20	20	G-16½	2 1/16	.65	.70

*Standard package discounts for lamps in the above schedule can be given only on orders for 100 lamps or multiples thereof, but the package may contain assorted kinds of lamps.

MINIATURE.—NOVELTY AND GENERAL BATTERY TYPES.

Based with Standard Miniature, Candelabra or Ediswan Candelabra Base, Except Where Otherwise Indicated.

Standard Package Quantity, 100 Lamps or More of One Kind or Assorted.

	Description.	Candle Power.	Volts.	Amperes.	List Price Ea.— Plain.	List Price Ea.— Frosted.
*Novelty (side tip or tipless).	7/16 in. Round.....	½	1½	.40	$0.32	$0.35
	7/16 in. Round.....	1	2½	.30	.32	.35
	7/16 in. Round.....	1½	3½	.30	.32	.35
	7/16 in. F. E. Rd. Opal Back	1	2½	.30	.40	.43
	7/16 in. F. E. Rd. Opal Back	1½	3½	.30	.40	.43
	9/16 in. Round.....	1½	3½	.30	.32	.35
	9/16 in. Round.....	2	5½	.30	.32	.35
	11/16 in. Round.....	2	5½	.30	.35	.38
2 1/16	in. Round Headlight†.....	10 & 16	6	1.50 & 2.40	.55	.60
2 1/16	in. Round Headlight†.....	20 & 25	6	3.00 & 3.75	.55	.60
General Battery.	5/8 in. Tubular (special cap base each end)	4 & 6	6	.83 & 1.20	.60	.65
	3/4 in. Round.....	2	2	1.25	.50	.53
	3/4 in. Round.....	1	3	.42	.50	.53
	3/4 in. Round.....	2 & 4	4	.60 & 1.20	.50	.53
	3/4 in. Round.....	2 & 4	6	.40 & .85	.50	.53
1	in. Round.....	4 & 6	6	.85 & 1.25	.50	.53
1 1/4	in. Round.....	6 & 8	6	1.25 & 1.70	.50	.53
1 1/4	in. Round.....	6 & 8	8	.95 & 1.25	.50	.53
1 1/2	in. Round.....	10-12 & 16	6	2.10-2.50 & 3.35	.50	.53
1 1/2	in. Round.....	10-12 & 16	8	1.55-1.85 & 2.50	.50	.53
13/16	in. Pear Shape....	2 & 4	4	.65 & 1.25	.50	.53
1	in. Pear Shape....	4 & 6	6	.85 & 1.25	.50	.53
1 1/8	in. Pear Shape....	6 & 8	6	1.25 & 1.65	.50	.53
1 1/8	in. Pear Shape....	6 & 8	8	.93 & 1.25	.50	.53
1 9/16	in. Pear Shape†...	10-12 & 16	6	2.10-2.50 & 3.35	.50	.53
1 9/16	in. Pear Shape†...	10-12 & 16	8	1.55-1.85 & 2.50	.50	.53
2 1/16	in. Round‡†.....	4	4	1.25	.55	.60
2 1/16	in. Round‡†.....	6	6	1.25	.55	.60
2 1/16	in. Round‡†.....	8 & 10	8 & 10	1.25	.55	.60
2 1/16	in. Round‡†.....	10 & 16	12	1.00 & 1.65	.55	.60
2 1/16	in. Round‡†.....	16 & 20	20	1.00 & 1.25	.65	.70

*Miniature Base only. If fitted with spring contact, 1 cent net additional. †Candelabra or Ediswan Candelabra Base only. ‡When fitted with Standard Edison Base, must be sold under discounts applying to Schedule T-3.

Unbased or wire lamps same price as based lamps. Lamps supplied tipped unless otherwise indicated; when made tipless, 20% additional.

MINIATURE LAMPS.

SERIES AND BATTERY LAMPS.

No. 2993.

No. 2994.

No. 2995.

No. 2996.

Code Word.	List No.	Mfr. No.		Volts.	C. P.	List Price, Each.
Zadekob	43296	8	Series Candelabra	100-120	5	$0.46
Zadekoc	2994	2	Series Socketless	100-120	3	.60
Zadekod	2995	10	Series Special	100-120	3-4	.46
Zadekof	2996	9	Series Special	100-120	1	.46

No. 2895.

No. 8081.

No. 8082.

Zadekog	2895	G10	8 in Series	100-120	1	.50
Zadekoh	2896	G12	8 in Series	100-120	3	.50
Zadekok	8081	9	Eight in Series, Tubular	100-120	1	.46
Zadekol	8082	10D	Automobile Lamp	14-60	6	.46

No. 8083.

No. 8084.

No. 8085.

No. 8086.

No. 8087.

No. 8088.

Zadekom	8083	17	Battery Lamp	2½- 5	½	.40
Zadekon	8084	18	Battery Lamp	2 - 6	1	.40
Zadekop	8085	19	Battery Lamp	4 - 7	2	.46
Zadekor	8086	20	Battery Lamp	5 - 7	3	.46
Zadekos	8087	21	Battery Lamp	6 - 8	4	.46
Zadekot	8088	22	Battery Lamp	6 -10	6	.46

No. 8089.

No. 8090.

No. 8091.

No. 8092.

No. 8093.

No. 8094.

Zadekov	8089	17B	Round Battery Lamp	2½- 5	½	.40
Zadekow	8090	18B	Round Battery Lamp	3 - 6	1	.40
Zadekox	8091	19B	Round Battery Lamp	3 - 7	2	.46
Zadekoy	8092	20B	Round Battery Lamp	4 - 6	3	.46
Zadekoz	8093	21B	Round Battery Lamp	5 - 8	4	.46
Zadeku	8094	22B	Round Battery Lamp	6 -10	6	.46

ALL CUTS ½ FULL SIZE.

MINIATURE LAMPS.

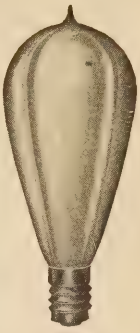
MULTIPLE CANDELABRA LAMPS.

No. 2979.

No. 2980.

No. 2981.

No. 2982.



No. 2983.

Code Word.	List No.	Mfr. No.		Volts.	C. P.	List Price, Each.
Zadekub	2979	1	Multiple Candelabra.....	100-120	8-12	$0.66
Zadekuc	2980	1B	Multiple Candelabra.....	100-120	8-12	.56
Zadekud	2981	4B	Multiple Candelabra.....	100-120	8-12	.56
Zadekuf	2982	6B	Multiple Candelabra.....	100-120	8-12	.66
Zadekug	2983	1A	Multiple Candelabra.....	100-120	8-12	.66

No. 2984.

No. 2985.

No. 2986.

No. 2987.

Zadekuh	2984	3B	Multiple Candelabra.....	100-120	8-12	.56
Zadekuk	2985	5B	Multiple Candelabra.....	100-120	8-12	.56
Zadekul	2986	5	Multiple Candelabra.....	100-120	8-12	.56
Zadekum	2987	7B	Multiple Candelabra.....	100-120	8-12	.50

No. 2988.

No. 2989.

No. 2990.

No. 2991.

No. 2992.

Zadekun	2988	10C	Multiple Candelabra.....	100-120	4-5	.46
Zadekup	2989	24B	Multiple Candelabra.....	50-120	8-16	.56
Zadekur	2990	4	Multiple Candelabra.....	100-120	4-6	.56
Zadekus	2991	6	Multiple Candelabra.....	100-120	4-6	.66
Zadekut	2992	24A	Multiple Candelabra.....	100-120	2-4	.50

ALL CUTS ½ FULL SIZE.

CANDLE LAMPS.

No. 43844.

Code Word.	List No.	Mfr. No.		List Price Each.
Zagapen	43844	431	With Screw Base to fit 16 C. P. Lamp.....	$0.90
Zagapep	43845	432	With Plug and 6 feet Cord to fit Wax Candelabra	1.90

ADAPTERS FOR MINIATURE AND CANDELABRA LAMPS.

Zagaper	43846	103	Edison Standard to Candelabra.....	.03
Zagapes	43847	104	Edison Candelabra to Miniature.....	.04
Zagapet	43848	105	Edison Candelabra to Foreign Candelabra.	.04

BASES.

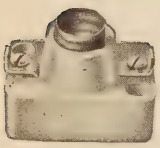
Zagapev	43849	106	French Candelabra Base.....	.04
Zagapew	43850	107	French Miniature Base.....	.04

No. 43851.

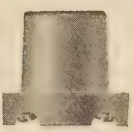
No. 43852.

SOCKETS AND RECEPTACLES.

Zagapex	43851	39	Brass Miniature Socket	.12
Zagapey	43852	40	Brass Candelabra Socket	.12



No. 43853.



No. 43854.

Zagapez	43853	157	Flat Candelabra Receptacle	.04½
Zagapi	43854	37B	Candelabra Sign Receptacle	.12

No. 43855.

No. 43856.

Zagapib	3855	37C	Candelabra Sign Receptacle	.12
Zagapic	43856	36	Round Candelabra Receptacle	.06

No. 43857.

No. 43858.

Zagapid	43857	37	Flat Candelabra Receptacle	.03½
Zagapif	43858	38	Flat Miniature Receptacle	.03
Zagapig	43859	156M	Porcelain Miniature Receptacle	.06
Zagapih	43860	156C	Porcelain Candelabra Receptacle	.06½

No. 43861.

No. 43862.

Zagapik	43861	158	Christmas Tree Receptacle	.03½
Zagapil	43862	156	Composition Miniature Receptacle	.06

OUTFITS FOR DECORATIVE LIGHTING.

This outfit consists of a number of feet of flexible cord with an attaching plug at one end, and branch festoons, each having eight miniature pendant porcelain sockets wired thereon. With this outfit is supplied the necessary number of miniature decorative Edison lamps, plain, and in colors. To arrange the lighting decoration it is necessary only to screw the attaching plug to the nearest regular lamp socket, drape the wires over the object decorated, screw the lamps in the socket, and all is completed.

The outfit is simple, flexible, thoroughly constructed and perfectly safe. It is neatly packed in a wooden box. The outfit will be supplied for eight lamps and multiples of eight; that is, 8, 16, 24, etc., lamps. These lamps are one candle power miniature decorative, taking one-third of an ampere for each series of either lamps. The outfit can be supplied for any regular voltage, and orders should specify voltage of circuit and type of lamp socket used. The attaching plug is so constructed that extra festoons may be connected, and thus the size of the outfit in number of lamps may be increased or reduced as desired. All outfits have extra lamps, and the lamps are supplied plain, frosted and red.

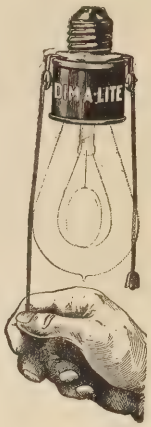
Code Word.	List No.		List Price, Each.
Zohah	44201	Eight light outfit	$ 5.00
Zohak	44202	Sixteen light outfit	8.00
Zohal	44203	Twenty-four light outfit	12.00
Zoham	44204	Thirty-two light outfit	15.00
Zohan	44205	Extra festoon, ready for connection, consisting of eight sockets, with extra lamps for increasing size of outfit	4.00

The Twenty-four Light Outfit is the Standard Size.

DIM-A-LITE.

A TURN-DOWN ATTACHMENT FOR AN INCANDESCENT LAMP.

Cut Two-Thirds Full Size.



A portable attachment, for dimming a single incandescent lamp. Not a lamp, n any part of a lamp.

Will make your bills smaller. If you have any doubt of the economy of the Dim-a-lite, try it on an ordinary house meter, or send to us for report of "Electrical Testing Laboratory."

Merely a vest-pocket rheostat. Solidly made. Will last as long as a good socket or switch. Mailable for 5c. Unbreakable. Equally good for alternating or direct current.

Four changes—"full," "dim," "very low" and "out." Leave socket key turned on. The Dim-a-lite is a perfect switch. Good for any lamp from 20 to 60 watts. Carbon or metallic filament, it makes no difference.

You pull the string, the Dim-a-lite does the rest.

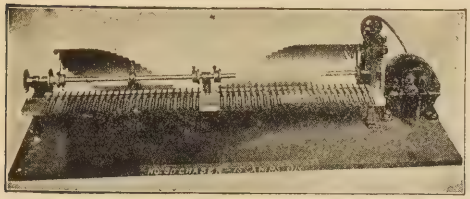
Makes any lamp a turn-down lamp.

Will pay for itself in a short time.

Guaranteed to work perfectly, to stand wear and to save current.

Code Word.	List No.		List Price, Each.
Zafekux	35466	Black nickel (gun metal)	$1.00
Zafekuy	35467	Brush brass	1.25
Zafekuz	35468	Oxidized copper	1.25
Zafelab	35470	Oxidized silver	1.25

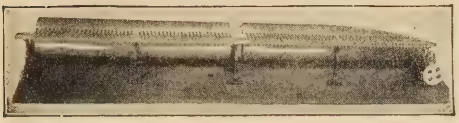
DULL'S FLASHERS.



CRAWLING CHASERS.

Used for "crawling snakes," "jumping rabbits," etc., wherein one apparently animated object chases another around the border of a sign. About 8 or 10 circuits are lighted at one time. Their capacity is limited to 2 amperes per circuit.

Code Word.	List No.		List Price.
Zadirif	29108	20 circuits.....	$40.00
Zadirig	29109	Additional circuits	1.00



SCRIPT BREAKERS.

For flashing a sign or display one lamp at a time. In the case of a script sign each lamp is lighted after another in rapid succession, giving the appearance of an invisible hand writing out the sign. Made in sizes from 25 to 500 circuits.

Prices on application.

FLAG TYPE.

For giving the waving effect to electric flags. Not a short, mechanical or jerky motion, but an actual reproduction of a perfect waving flag. Built in all sizes and wiring. Diagrams furnished on request.

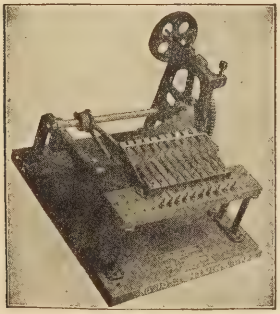
Zadirih	29110	No. 10.....	35.00
Zadirik	29111	Additional circuits	2.00

LIGHTNING TYPE.

Used for producing a "streak of lightning" or any similar work where the lights are intended to literally "fly" across a display. They can be run at a speed up to fifty revolutions per minute, which is as fast as an ordinary incandescent lamp will light up and extinguish.

They are not intended for heavy loads. Two amperes is their limit.

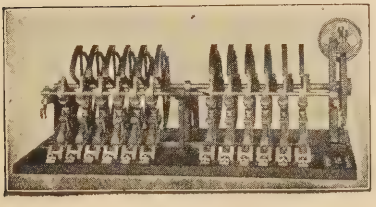
Zadiril	29112	10 circuits.....	30.00
Zadirim	29113	Additional circuits	1.00



SINGLE POLE TYPE.

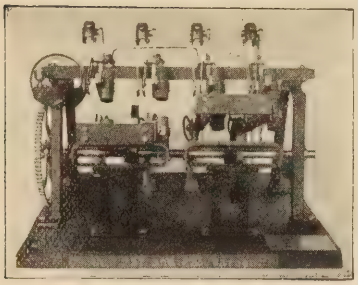
This type is especially adapted for flashing a sign by single letters, or any use where it is desired to flash a large number of circuits of less than 6 amperes each. It is the highest grade flasher known to the trade at the present time. The circuit is broken on an independent shoe, which prevents any arc or burning of the switch proper. The life of the contacts is almost indefinite. They are absolutely noiseless, will run with the smallest fan motor made and is the only flasher known that is guaranteed never to give trouble.

Zadirin	29114	2 switches.....	23.00
Zadirip	29115	3 switches.....	24.00
Zadirir	29116	4 switches.....	26.00
Zadiris	29117	5 switches.....	28.00
Zadirit	29118	6 switches.....	30.00
Zadiriv	29119	7 switches.....	32.00
Zadiriw	29120	8 switches.....	34.00
Zadirix	29121	9 switches.....	36.00
Zadiriy	29122	10 switches.....	38.00
Zadiriz	29123	Each additional switch	2.00



List prices do not include motors.

DULL'S FLASHERS.



DOUBLE POLE CARBON.

For giving the flashing and changeable effect to electric signs and displays. Especially adapted for heavy loads, such as flashing a sign on and off as a whole or on alternate side. Breaks the current on carbon points. A high grade machine; lasts indefinitely and never gives trouble. It is cut into the mains and does not require each small circuit to be run to the flasher. Will run with the smallest of fan motors and requires no attention other than oiling once a week.

15 AMPERE, TWO WIRE.

Code Word.	List No.	Mfr. No.		List Price. Each.
Zadirar	29076	121	1 switch.....	$25.00
Zadiras	29077	221	2 switch.....	32.00
Zadirat	29078	321	3 switch.....	39.00
Zadirav	29079	421	4 switch.....	46.00
Zadiraw	29080	521	5 switch.....	53.00

30 AMPERE, TWO WIRE.

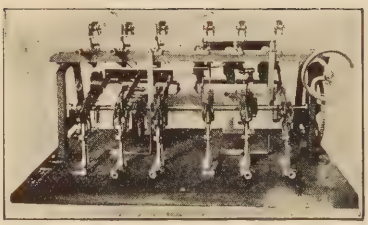
Zadirax	29081	123	1 switch.....	30.00
Zadiray	29082	223	2 switch.....	39.00
Zadiraz	29083	323	3 switch.....	48.00
Zadire	29084	423	4 switch.....	57.00
Zadireb	29085	523	5 switch.....	66.00

45 AMPERE, TWO OR THREE WIRE.

Zadirec	29086	131	1 switch.....	35.00
Zadired	29087	231	2 switch.....	46.00
Zadiref	29088	331	3 switch.....	57.00
Zadireg	29089	431	4 switch.....	68.00
Zadireh	29090	531	5 switch.....	79.00

60 AMPERE, TWO OR THREE WIRE.

Zadirek	29091	133	1 switch.....	40.00
Zadirel	29092	233	2 switch.....	53.00
Zadirem	29093	333	3 switch.....	66.00
Zadiren	29094	433	4 switch.....	79.00
Zadirep	29095	533	5 switch.....	97.00



SERIES CARBON.

Capacity, from 50 Amperes up.

The only machine known that will break a load in any form over 50 amperes. Others claim to be able to do so on an ordinary switch, but this is absurd. In order to break a heavier load than our Double Pole Carbon type it is necessary to use this type. It breaks the line in series, i. e., it breaks it in three or more places at once, making it necessary for the current to jump that many air gaps in order to hold an arc.

TWO WIRE SYSTEM.

Zadirer	29096	50 ampere, 1 switch.....	40 00
Zadires	29097	50 ampere, 2 switch.....	53.00
Zadiret	29098	50 ampere, 3 switch.....	66.00
Zadirev	29099	100 ampere, 1 switch.....	45.00
Zadirew	29100	100 ampere, 2 switch.....	60.00
Zadirex	29101	100 ampere, 3 switch.....	75.00

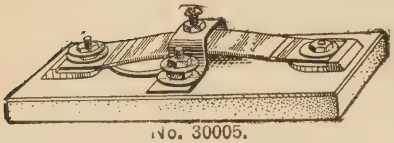
THREE WIRE SYSTEM.

Zadirey	29102	100 ampere, 1 switch.....	50.00
Zadirez	29103	100 ampere, 2 switch.....	70.00
Zadiri	29104	100 ampere, 3 switch.....	90.00
Zadirib	29105	200 ampere, 1 switch.....	58.00
Zadiric	29106	200 ampere, 2 switch.....	85.00
Zadirid	29107	200 ampere, 3 switch.....	110.00

We make special flashes of every kind for every purpose where flashing or revolving lights are required. Illusion discs for opticians in many forms, combination carbon and script machines, reducing gears for mechanical displays from 10 to 60 pounds, pull revolving hubs, stars, chromatic effects, etc. Designs and prices furnished on request.

List prices do not include motors.

SKEDOODLE FLASHERS.



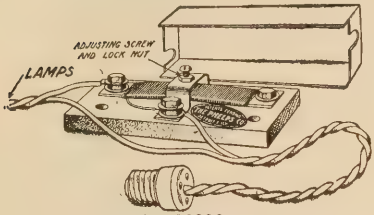
No. 30005.

1 AMPERE SKEDOODLE A.

PORCELAIN BASE.

Direct or alternating current.
Dimensions, 2x2x5 inches.
Weight, about one pound.
Capacity, 1-16 C. P., 2-8 C. P., 4-¼ C. P., or 8-2 C. P., lamps.

Code Word.	List No.	List Price, Each.
Zadiwur	30005	$1.00

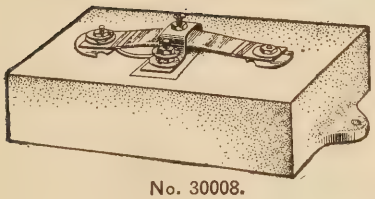


No. 30006.

2 AMPERE SKEDOODLE A.

Slate base cover extra.
Direct or alternating current.
Dimensions 2x2x5 inches.
Weight, about one pound. Platinum contacts. Winks automatically, 3-16 C. P., 5-8 C. P., 8-4 C. P., or 12-2 C. P., lamps.

Zadiwus	30006		2.00
Zadiwut	30007	Covers	.20

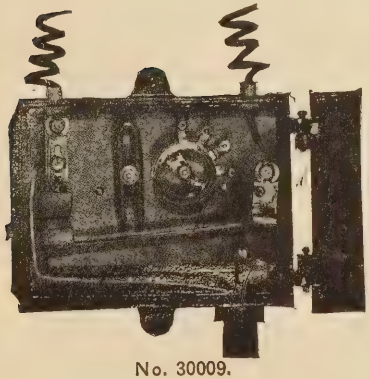


No. 30008.

4 AMPERE SKEDOODLE A.

Direct or alternating current.
Dimensions over all, 7½x3¼x2½ inches.
Capacity, 7-16 C. P., 12-8 C. P., 20-4 C. P., or 40-2 C. P. lamps.

Zadiwuv	30008	5.00



No. 30009.

10 AND 25 AMPERE THERMAL FLASHER.

Weight, 17 pounds. Size of box, 16x9x3½ inches. Length over all, 4½ feet.
A 10 ampere Flasher will wink 20-16 C. P., 35-8 C. P., 56-4 C. P., or 100-2 C. P. lamps.
A 25 ampere Flasher will wink 50-16 C. P., 75-8 C. P., 125-4 C. P., or 250-2 C. P. lamps.

Zadiwuw	30009	10 amperes	16.00
Zadiwux	30010	10 ampere double circuit	20.00
Zadiwuy	30011	25 ampere	28.00

No. 30012.

SKEDOODLE SOCKET PLUG.

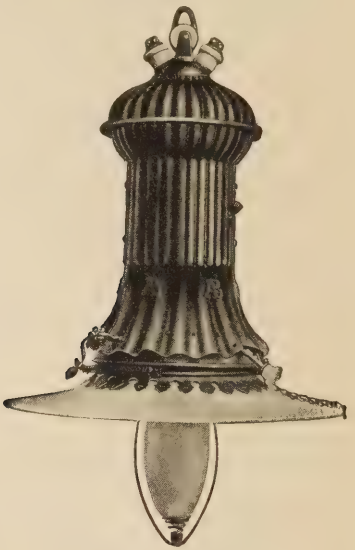
Dimensions, 2¼ inches long, 1⅛ inches diameter.
Capacity, one lamp.
Made for four, eight and sixteen candle-power lamps.

Zadiwuz	30012	.75

ADAMS-BAGNALL ARC LAMPS.

FOR ALL CIRCUITS.

Showing Lamp Complete, with Globes.



Showing Lamp, with Porcelain Reflector.

ADAMS-BAGNALL ARC LAMPS, among the first to be placed on the market, have always held a leading position, and to-day are considered a standard form which all other designs have, more or less, copied in their general, and particularly in their detail designs. Realizing the eminent advantage to Central Stations, and other users of arc lamps, of interchangable parts, these lamps were designed with this important feature in view, so that, notwithstanding the changes which are necessary to keep abreast with the progress of the art, all that is required is the substituting of the improved parts, to enable the user to keep his equipment up to date at all times. A thorough investigation will show that the ADAMS-BAGNALL ARC LAMPS contain fewer parts, consistent with the service for which they are designed, than any other lamp, and that 80% of the parts are common to all types. Well knowing that no weather-proof paint or similar compound will withstand for any length of time the effects of the elements, and that even most metals, as iron and brass, gradually succumb to the same influences, we have adopted for this lamp a case made of hard-rolled sheet copper, stamped (not spun) in shape for greatest strength and rigidity, at the same time preserving the graceful lines and general form suitable for this class of apparatus.

By adopting rolled sheet copper, we believe we are using the best possible material for rendering an arc lamp weather-proof, and it is unnecessary for us to dwell at length on the durability of solid copper when exposed to the weather.

These cases are suitable for high ornamentation for inside use, which in no way detracts from their utility for outside service. For outside use we furnish an oxidized black finish and for inside service a royal copper or plain burnished copper finish. All lamps being thoroughly weather-proof, they can of course be used either inside or outside as occasion requires. The case and all exposed parts of the switch are insulated, and there being no exposed metal below the arc renders these lamps perfectly safe when used inside, and shocks from accidental contacts are practically impossible.

Some of the particularly noteworthy features of these lamps are: General appearance; door in case for ready examination or adjustment of inside mechanism; porcelain insulations for hanger and binding posts; rugged hand switch; carefully designed air-pots with drawn or stamped piston, made of materials specially adapted for the purpose; arrangement of clutch and air-pot, whereby clutch normally retains its grip on the carbon, but is free to release when the feeding point is reached; cup-shaped inner globes with single opening flexibly supported against a ground seat; single negative rod for lower carbon holder support; spherical outer globe held by draw band entirely surrounding the flange at the top; ease of trimming, removing inner and outer globe; adaptability for hot trimming; cartridge fuse mounted directly on switch. If desired, lamp may be operated without this by simply removing the fuse and slipping fuse holder over the contact piece.

ADAMS-BAGNALL CONSTANT DIRECT CURRENT SERIES ARC LAMPS.

Showing Lamp with Inner and Outer Globes.

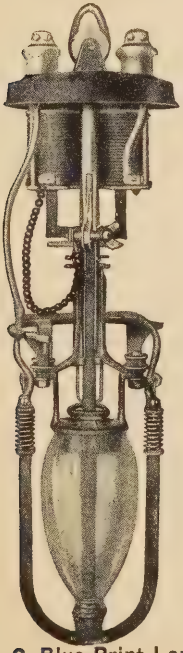
The mechanism of this lamp is of the differential type, but possesses many features peculiar to itself. It is composed of two mechanically differentiated electro magnets, working on a common armature. Most makers are content to suspend the hinged parts of their lamps on pins or pivots which introduce varying frictions and unreliability of action. We make use of the suspension principle of the modern scales, a device which must be without friction. This armature is carried on a hardened steel knife edge, which effectually eliminates all friction and leaves it free to respond to the varying conditions of the arc.

This construction, while being extremely economical of energy, has the additional advantage of affording ample radiating surface for the insulated windings.

Cold rolled milled steel, of the highest permeability is used in this magnet system, it being superior to iron for this purpose. All steel parts are electro-plated to prevent corrosion.

Made in copper case only.

Code Word.	List No.		List Price, Each.
Zacoxik	26075	With inner globe and reflector....	$38.50
Zacoxil	26076	With inner and outer globe.....	39.50



A. C. Blue Print Lamp.

BLUE PRINT LAMPS.

ALTERNATING AND DIRECT CURRENT.

In designing this lamp, the conditions under which the same is to operate have been carefully considered, and as a result, a lamp is presented which may be handled by anyone with little electrical knowledge and experience.

The 100 to 125 volt lamps are furnished in the following adjustments: 8 amperes, 12 amperes, 15 amperes, or 18 amperes; 15 amperes is considered standard. The 210 to 250 volt lamps are furnished in the following adjustments: 6 amperes, 7½ amperes, or 10 amperes; 7½ amperes is considered standard.

Each lamp is equipped with an external controller and an enclosing globe. One trim of carbons is furnished with each lamp.

In ordering state your exact voltage and the current adjustment desired.

Write for prices and information.

ADAMS-BAGNALL MULTIPLE DIRECT CURRENT ARC LAMPS.

100-130 VOLTS. 3½-7 AMPERES.

Over 70% of the parts of this lamp being common to all our other types, enables the user to keep his lamps in repair with a very small stock of parts, no matter how diversified may be his service.

This lamp is for operation on constant potential circuits, having a pressure of 100 to 130 volts. The steadying resistance consists of a two coil rheostat placed in the top of lamp, provided with means for ready adjustment to suit the line voltage. With a 110 volt line the voltage at the arc should be from 80 to 83. We are prepared to furnish lamps for current of 3 to 7 amperes, as required. The lamp accepted as standard consumes 5 amperes. This may be varied slightly by means of taps on magnet coils. With the connectors on the single wire terminal, current is minimum; with connectors on opposite end, current is maximum.

Code Word.	List No.	Steel Case.	List Price. Each.
Zacoxeb	26042	With inner globe and reflector	$26.00
Zacoxec	26043	With inner and outer globe	27.00
		Copper Case.	
Zacoxed	26044	With inner globe and reflector	27.00
Zacoxef	26045	With inner and outer globe	28.00

Showing Lamp, with Globe Suspended.

220-250 Volts. 2½-3½ Amperes.

This lamp is for operation on constant potential circuits, having a pressure of 220 to 250 volts. The steadying resistance consists of a rheostat placed in the top of lamp, provided with means for ready adjustment to suit the line voltage. With a 220 line voltage the voltage at the arc should be about 150. We are prepared to furnish lamps of this kind for current of 2½ to 3½ amperes, as required. The lamp accepted as standard consumes 3 amperes. This may be varied slightly by means of taps on magnet coils. With the connectors on the single wire terminal, current is minimum; with connectors on opposite end, current is maximum. All lamps consuming 3 amperes or less of current, where the voltage does not exceed 240, are provided with a rheostat enclosed within the lamp case; where the current at which lamps are to be adjusted exceeds 3 amperes an external rheostat is also furnished, to be connected in series with the lamp. Where the voltage exceeds 240, unless the current consumed be less than 3 amperes, this rheostat is also required. We are prepared to furnish lamps with resistance enclosed with lamp case adjusted for as high a voltage as 250 where the current consumed is not over 2½ amperes.

		Steel Case.	
Zacoxeg	26046	With inner globe and reflector	28.00
Zacoxeh	26047	With inner and outer globe	29.00
		Copper Case.	
Zacoxek	26048	With inner globe and reflector	29.00
Zacoxel	26049	With inner and outer globe	30.00

In ordering lamps of this type do not fail to specify line voltage and current which you desire lamp to consume.

ADAMS-BAGNALL MULTIPLE ALTERNATING CURRENT ARC LAMPS.

110 VOLTS.

The chief objections to alternating current arc lamps are as follows:

1. Excessive noise.
2. Upper carbon slipping or jarring through the clutch until it meets the lower carbon, which renders the lamp useless until it is cut out and cut in again.
3. Sliding contacts which become blistered or tarnished.
4. Excessive breakage of inner globes.

By a series of exhaustive tests and experiments the above named objections, and many others, have been eliminated, and these defects, however casual they may seem to the uninitiated, are serious enough to disqualify any lamp that possesses them.

We have recognized the fact that no weatherproof paint or composition will withstand for any great length of time the effects of the elements, and often metals, such as iron or brass, will succumb in a short time to the effects of the atmosphere. We have therefore adopted a case for this lamp made of hard-rolled sheet copper, stamped in shape for greatest strength and rigidity. By adopting rolled copper we believe that we are using the best material that can be obtained to render an arc lamp thoroughly weatherproof and it is unnecessary for us to dwell at length on the great advantage of the use of this metal, as its lasting qualities are too well understood to warrant any further comment. The case of this lamp is suitable for high ornamentation for inside service, which in no way decreases its utility for outdoor service. For outdoor service we furnish an oxidized black finish, and for inside service royal copper or plain red copper finish is furnished.

The feeding mechanism of this lamp is operated by a double solenoid. The armature is made of soft iron, and has a long range of uniform pull. This is important, as it permits the carbons to vary in size or the clutch to wear for a long period of time, without interfering with the perfect operation of the lamp. The friction throughout is reduced to a minimum.

All lamps are tested on a circuit of 7,200 alternations. If used upon a circuit having 16,000 alternations, change the wire tagged "1" from the tap marked "72" to the tap marked "16."

Unless otherwise ordered lamps are tested on a 110-volt circuit. To adjust for different voltage, shorten the arc by moving wire tagged "2" toward tag "S." Lengthen the arc by moving toward tag "L." We find the best economy is obtained with from 70 to 75 volts at the arc.

On each of the magnets will be observed three taps; one at the top, one in the center, and one at the bottom of each spool. When both connectors are connected to the single wire or untwisted taps, all the wire of the spools is in circuit and the current is as low as intended. If it is desired to increase the current, the connectors should be moved to the twisted taps on the center of the spools, thus cutting out half a layer on each spool. If it is desired to increase the current still more, the connectors should be moved to the twisted taps on the ends of the spools, thus cutting out a whole layer on each spool.

Made in copper case only.

Code Word.	List No.		List Price, Each.
Zacoxig	26077	With inner globe and reflector	$34.00
Zacoxih	26078	With inner and outer globe	35.00

ADAMS-BAGNALL CONSTANT POTENTIAL SERIES ARC LAMPS.

TWO IN SERIES ON 210-250 VOLTS.

This lamp is for operation two in series on constant potential circuits, having a pressure of 210 to 250 volts. The steadying resistance consists of a rheostat placed in the top of lamp, provided with means for ready adjustment to suit the line voltage. With a 220 volt line, the voltage of the arc should be about 75. We are prepared to furnish lamps of this type for current of 4 to 6 amperes, as required. The lamp accepted as standard consumes 5 amperes. The lamp described above, having resistance enclosed within the lamp top and known as self-contained type, is not made to operate on circuits exceeding 250 volts. If the voltage exceeds 250, an external rheostat is provided to operate in series with the lamps.

STEEL CASE.

Code Word.	List No.		List Price, Each.
Zacoxem	26050	With inner globe and reflector	$36.00
Zacoxen	26051	With inner and outer globe	37.00

COPPER CASE.

Zacoxep	26052	With inner globe and reflector	37.00
Zacoxer	26053	With inner and outer globe	38.00

In ordering lamps of this type do not fail to specify line voltage and current which you desire lamp to consume.

FIVE IN SERIES ON 450-575 VOLTS.

This lamp is for operation 5 in series on constant potential street railroad circuits of 450 to 575 volts. The steadying resistance consists of a rheostat placed in the top of lamp, provided with means for ready adjustment to suit the line voltage. With a 500 volt line, the voltage at the arc should be about 75. We are prepared to furnish lamps of this type for current of 4 to 6 amperes as required. The lamp accepted as standard consumes 5 amperes. The lamp described above, having resistance enclosed within the lamp top and known as self-contained type, is not made to operate on circuits exceeding 575 volts. If your voltage exceeds 575, an external rheostat is provided to operate in series with the lamps.

STEEL CASE.

Zacoxes	26054	With inner globe and reflector	36.00
Zacoxet	26055	With inner and outer globe	37.00

COPPER CASE.

Zacoxev	26056	With inner globe and reflector	37.00
Zacoxew	26057	With inner and outer globe	38.00

ADAMS-BAGNALL ALTERNATING CURRENT SERIES ARC LAMPS.

The mechanism of our lamps consists of double solenoids and "U"-shaped cores carefully designed for the work they have to perform and so related to each other that the voltage at the arcs is always the same whether the lamps have only just started or are at nearly the end of a run. The importance of uniformity of range will be appreciated when it is noted that in order to operate satisfactorily the maximum number of lamps on any given potential, it is necessary that the lamps start at the normal voltage, but do not exceed this voltage at any time during the run. With lamps as ordinarily constructed, we have found the difference between the voltage at start and at feeding to vary from 10 to 25 volts. This simply means that provision must be made for an increase of this amount of voltage per lamp, in order that the circuit shall not flash or the regulator pump after starting. This also lowers considerably the power factor of the circuit, as of course, for satisfactory operation it is necessary to have the voltage high enough for the maximum demand and the voltage not in use at any time must be taken by inductive resistance.

Spools are so designed that the armatures practically float when the lamp is in operation, the only weight on the pivots being that of a small tilting lever; no adjusting weights or other extraneous parts are attached to the moving parts of the mechanism.

This construction results in a very sensitive control and high efficiency, as there is practically no friction to overcome.

The cut-out has silver contacts with ample surface and carrying capacity and operates quietly and with certainty to protect the lamp-windings in case the carbons are entirely consumed.

The cut-out is closed by an insulated sway-bar, which renders unnecessary the flexible cable generally used to carry current to the moving contact of the cut-out. The cut-out contacts are readily accessible when opening the door in front of the case.

In order to operate satisfactorily, alternating current arc lamps in series, it is necessary to have a source of alternating current at constant potential which does not vary over 2 per cent either in voltage or frequency.

The essentials of a series alternating current equipment are:

First—Switchboard.

Second—Lightning-Arrester Board.

Third—Constant Potential Transformer when the primary voltage does not equal 83 volts per lamp.

Fourth—Regulator.

Fifth—Complement of Lamps.

There should be mounted on the switchboard an ammeter, plug-switches or oil-switch and fuse-carriers for each circuit; a high-reading voltmeter is also desirable for checking performance of circuits and making insulation tests.

A constant potential transformer is also necessary, when it is desired to insulate the arc load from the rest of the alternating current service. This may be made to operate any number of arc circuits in parallel, and any practicable number of lamps in series. About 5000 volts, however, troubles attending line insulation, under ordinary urban conditions increase so rapidly that the limit set by experience is 50 lamps per circuit. Careful consideration of local conditions will be necessary when it is desired to install more than this number.

Made in copper case only.

Code Word.	List No.		List Price, Each.
Zacoxim	26074	Complete, with inner and outer globe and steel reflector.....	$39.50

ADAMS-BAGNALL ARC LAMPS.

STANDARD ARC LIGHTING SWITCHBOARD PANELS, COMPLETE WITH INSTRUMENTS AND PLUG SWITCHES FOR 1100 OR 2200 VOLTS PRIMARY.

Code Word.	List No.		List Price, Each.
Zacoxin	26058	25 Light size single circuit	$150.00
Zacoxip	26059	35, 50, 75 and 100 light size single circuit	200.00
Zacoxir	26060	50, 75 and 100 light size double circuit	250.00

When a non-automatic oil switch is required instead of plug switch, add to standard list price of panels, the following list price per swtch:

Volts, Primary or Secondary.	Double Pole Single Throw.	Double Pole, Double Throw.
1100 to 4000	$44.00	$70.00
4100 to 13,200	100.00	212.00

STATION ARC LIGHTNING ARRESTERS FOR SERIES ALTERNATING ENCLOSED ARC SYSTEMS.

Zacoxis	26061	1 for 25 light circuit	9.13
Zacoxit	26062	1 for 35 light circuit	20.60
Zacoxiv	26063	1 for 50 light circuit, single	20.60
Zacoxiw	26064	2 for 50 light circuit, multiple, each	9.13
Zacoxix	26065	1 for 75 light circuit, single	35.10
Zacoxiy	26066	2 for 75 light circuit, multiple, each	20.60
Zacoxiz	26067	1 for 100 light circuit, single	55.70
Zacoxo	26068	2 for 100 light circuit, multiple, each	33.60

CHOKE COILS.

Zacoxob	26069	Choke coils for 0-5000 volts	14.40
Zacoxoc	26070	Choke coils for 5000-25000 volts	31.20

COMPLETE LIGHTNING ARRESTER BOARD (WITH ARRESTERS, CHOKE COILS AND MARBLE BASE).

Zacoxod	26071	Boards for circuits up to 2500 volts	57.60
Zacoxof	26072	Boards for circuits from 2500 to 5000 volts	81.60
Zacoxog	26073	Boards for circuits from 5000 to 7500 volts	122.40

THE A B REGENERATIVE FLAME ARC LAMP ADAPTATION.

General illumination of Factories, Foundries, Mills, Blast Furnaces, etc.

Business Street Lighting.

Railroad and Mill Yard Lighting.

Docks and Boat Landings.

Amusement Parks and entrances to theatres and buildings.

Large areas can be lighted at less cost and more effectively with flaming arc lamps than by any other method.

GENERAL DESCRIPTION.

The carbons are arranged vertically and inclosed with double globes, the inner globe communicating with the two side tubes which allow a free circulation of the gases to the bottom of the inner globe. The gases are drawn up past the arc by draft, thereby using the chemicals in gaseous form over again, greatly increasing the life of the carbons and the efficiency of the lamp, and giving rise to the name REGENERATIVE.

Contrary to the first impression, there is absolutely no shadow cast by these side tubes.

The operating mechanism is very simple in construction, being practically of the same design as has been used in the A-B enclosed arc which has been the standard for years. The cases are of heavy stamped copper, very rigid and thoroughly weather proof. Aluminum has been used wherever practicable to reduce the weight.

The lamp produces the characteristic orange ray of the ordinary flame arc with an even greater intrinsic brilliancy.

The carbons have an average life of over 70 hours per trim on direct current and 60 on alternating. The maximum candle power is 2600 at an angle of 30 degrees below the horizontal, giving a wide distribution and the mean lower hemispherical candle power is 1900 with a consumption of only 550 watts which, in comparison with the enclosed or carbon arc, gives a ratio of at least five to one in favor of the Regenerative Lamp.

The standard current adjustment is 5.5 amperes on direct current and 7 amperes on alternating, and lamps are furnished for multiple burning on 110 volts direct and alternating current, two in series on 220 volts direct and multiple on 220 alternating in conjunction with an auto transformer.

Also for street railway circuits five in series on 550 volts. Direct and alternating constant current series street lighting circuits.

Type of Lamp.	Royal Copper Finish.	Oxidized Black.	Plain Copper.	Yellow Brass.
Constant Potential Direct Current	$75.00	$75.00	$75.00	$75.00
Direct Current Potential Series, without Cut-Out Resistance	75.00	75.00	75.00	75.00
Direct Current Constant Potential Series, with Cut-Out Resistance	75.00	75.00	75.00	75.00
Direct Current Constant Potential Series, 5 on — Volts	75.00	75.00	75.00	75.00
Constant Potential Alternating Current, 60 Cycles.	75.00	75.00	75.00	75.00
Constant Potential Alternating Current, 133 Cycles..	75.00	75.00	75.00	75.00

Royal Copper Finish is standard, others being special and will require additional time for shipment.

Carbon; per pair	.35
Inner Globes, less than 1 dozen; each	.50
Inner Globes, 1 to 3 dozen; per dozen	5.50
Outer Globes, less than 1 dozen; each	.70
Outer Globes, 1 to 3 dozen; per dozen	7.90
Hood Reflectors, for concentrating the light when lamps are suspended at extreme heights	4.00
Regenerative Tube Cleaning Brush	.25

ADAMS-BAGNALL ARC LAMPS.

REGULATORS AND CONSTANT POTENTIAL TRANSFORMERS.

1100 OR 2200 VOLTS PRIMARY.

A constant Potential Transformer is also necessary when it is desired to insulate the arc load from the rest of the alternating current service. This may be made to operate any number of arc circuits in parallel, and any practicable number of lamps in series. Above 5000 volts, however, troubles attending line insulation, under ordinary urban conditions increase so rapidly that the limit set by experience is 50 lamps per circuit. Careful consideration of local conditions will be necessary when it is desired to install more than this number.

In developing our Series Alternating Current Enclosed System we have aimed to produce an apparatus of greatest simplicity and reliability in operation, low in cost of maintenance, and possessing at the same time the highest economy and sensitiveness of action.

REGULATOR.

The essential parts of our Regulator are an "M"-shaped iron element and a movable coil, partly counter-balanced by a weight working over a knife-edge bearing. Our coil is wound in sections to avoid excessive voltage between adjacent parts, and is constructed so as to run at a low temperature, which is important as to life of coil as well as economy in operation.

In operation the weight is placed so as to balance that part of the weight of the coil not lifted by magnetism.

It will readily be seen that with this design only a comparatively light counterbalance is needed and the moving parts have the minimum inertia.

Oil dash-pots are provided which insure steadiness in operation and prevent violent movement of the coil due to grounds or short circuits cutting out any considerable number of lamps.

REGULATORS, 66 AMPERE, 60 CYCLES.

Code Word.	List No.	Rating.	List Prices. C. P. Trans.	Regulators.	Total List Prices Combined.	List Price Per Light Capacity.
Zacoxez	26081	25 Light.....	$325.00	$325.00	$650.00	$26.00
Zacoxi	26082	35 Light.....	425.00	380.00	805.00	23.00
Zacoxib	26083	50 Light.....	525.00	475.00	1000.00	20.00
Zacoxic	26084	60 Light.....	700.00	500.00	1200.00	20.00
Zacoxid	26085	75 Light.....	750.00	750.00	1500.00	20.00
Zacoxif	26086	100 Light.....	900.00	900.00	1800.00	18.00

TRANSFORMERS.

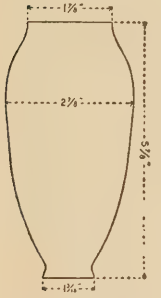
For prices for C. P. Transformers and Regulators for 40 cycles add 25 per cent to above prices. For prices for C. P. Transformers and Regualtors for primary voltages other than 1100 or 2200 up to 6600 volts inclusive add 10 per cent to above prices. When both percentages are added they should not be cumulative,

INNER GLOBES.

We are prepared to furnish three grades of glass for Inner Globes: PEARL GLASS, clear and opalescent; THERMO GLASS, clear and opalescent; ALBA GLASS.

On all orders for opalescent inner globes, unless otherwise specified, Alba glass will be furnished. This grade of glass costs no more than the regular opal, and is a much superior grade and more even in coloring. Ordinary opal glass checks the light about 30%, whereas the light check in the Alba glass is approximately 16%.

THERMO GLASS is an especially hardened glass, and the highest grade manufactured. If Thermo glass is desired, the list price of all globes should be increased $0.50 per dozen net.



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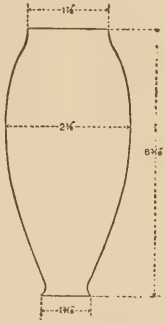

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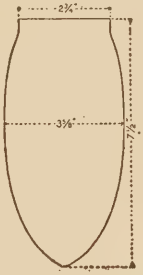

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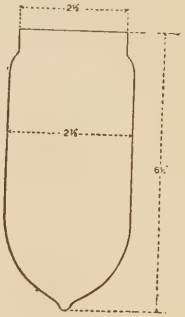

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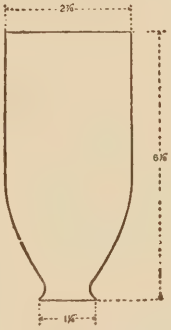

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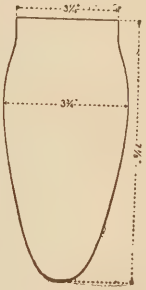

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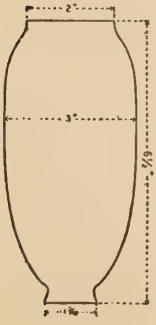

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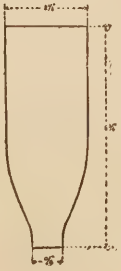

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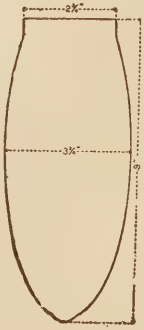


No. 21459.

INNER GLOBES—(Continued).

Code Word.	List No.		Mfr. No.	Outside Diameter of Top.	Outside Diameter of Bottom.	Length.	Price per Dozen, Clear Globes.	Price per Doz. Opalescent, Light Opal, Dense Opal.
Zegil	21454	Adams Bagnall Elect. Co. No. 10	636	2¼	—	6½	$1.65	$1.95
Zegim	21455	Adams Bagnall Elect. Co. No. 11	689	2 13-16	1¼	6½	1.25	1.55
Zegin	21456	Adams Bagnall Elect. Co. No. 13	691	2½	—	6½	1.65	1.95
Zegip	21457	Adams Bagnall Elect. Co. No. 14	683	2¾	—	7½	1.65	1.95
Zegir	21458	Adams Bagnall Elect. Co. No. 15	782	2¾	1¼	7	1.25	1.55
Zegis	21459	Adams Bagnall Elect. Co. No. 17	819	2¾	—	9	1.65	1.95
Zegit	21460	Adams & Westlake Headlight	793	1	1	3	1.25	1.55
Zegiv	21461	Continental	777	2½	15-16	6¾	1.25	1.55
Zegiw	21462	Dayton Headlight	792	2	1½	4½	1.25	1.55
Zegix	21463	Dayton Headlight	612	2	1 3-32	5¼	1.25	1.55
Zegiz	21464	G 2	970	1⅞	1 7-16	6	1.25	1.55
Zego	21465	General Electric F 72 No. 2	726	2	1 3-16	5⅛	1.25	1.55
Zegob	21466	General Electric No. 3	719	2	1 3-16	6½	1.25	1.55
Zegod	21467	General Electric No. 3	769	2	1 3-16	6½	1.25	1.55
Zegof	21468	General Electric No. 3	821	2	1 3-16	6½	1.25	1.55
Zegog	21469	General Electric No. 4	720	2	1 3-16	4	1.25	1.55
Zegoh	21470	General Electric No. 5	582	1⅞	1 3-16	5⅞	1.25	1.55
Zegok	21471	General Electric No. 7	798	2	1 3-16	7½	1.25	1.55
Zegol	21472	General Electric No. 36	774	3¼	—	7⅜	1.65	1.95
Zegom	21473	General Electric No. 39	969	3⅜	—	9	1.65	1.95
Zegon	21474	General Electric No. 46	764	2¾	—	7½	1.65	1.95
Zegop	21475	General Electric No. 49	796	2¾	—	8 15-16	1.65	1.95
Zegor	21476	General Electric No. 56	973	3 11-16	—	7 14-16	2.00	2.30
Zegos	21477	General Incan. Arc Lt. Co. No. 9	679	1 13-16	1 13-32	5¾	1.25	1.55
Zegot	21478	General Incan. Arc Lt. Co. No. 12	668	1 13-16	1-13-32	7	1.25	1.55
Zegov	21479	General Incan. Arc Lt. Co. No. 14	764	2¾	—	7 9-16	1.65	1.95
Zegow	21480	General Incan. Arc Lt. Co. No. 15	774	3¼	—	7⅜	1.65	1.95
Zegox	21481	General Incan. Arc Lt. Co. No. 16	823	1 1-16	1 9-32	7⅛	1.25	1.65
Zegoz	21482	Gilbert	611	1⅞	1 3-16	6 3-16	1.25	1.55
Zegu	21483	Hamblin	797	4 5-16	—	8½	1.65	1.95
Zegub	21484	Headlight	778	1⅛	⅞	3¼	1.25	1.55
Zegud	21485	Helios Upton No. 2	621	2 19-32	1 5-32	5½	1.25	1.55
Zeguf	21486	Helios Upton No. 3	643	2⅝	1½	6¾	1.25	1.55
Zegug	21487	Helios Upton No. 4	622	2⅝	1⅛	8	1.65	1.95
Zeguh	21488	Helios Upton No. 5	672	3 1-16	—	4¾	1.65	1.95
Zeguk	21489	Helios Upton No. 6	709	3¼	—	8⅜	2.00	2.30
Zegul	21490	Helios Upton No. 7	710	3¼	—	8	1.65	1.95
Zegum	21491	Helios Upton No. 8	711	3¼	—	8⅞	1.65	1.95
Zegun	21492	Helios Upton No. 10	744	3 1-16	—	8	1.65	1.95
Zegup	21493	Helios Upton No. 11	767	3 1-16	—	7 7-16	1.65	1.95
Zegur	21494	Helios Upton No. 12	784	4¼	—	4¾	2.00	2.30
Zegus	21495	Helios Upton No. 15	794	4½	—	3½	1.65	1.95
Zegut	21496	Jandus No. 8	611	1⅞	1¼	6⅛	1.25	1.55
Zeguv	21497	Jandus No. 10	728	2⅞	1¼	6⅛	1.25	1.55
Zeguw	21498	Jandus No. 12	783	2⅞	—	6	1.65	1.95
Zegux	21499	Jandus No. 15	768	3⅝	—	7¼	1.65	1.95
Zeguz	21500	Jandus No. 17	791	3⅝	—	8¾	1.65	1.95
Zeha	21501	Manhattan No. 9	679	1 13-16	1 13-32	5¾	1.25	1.55
Zehab	21502	Manhattan No. 12	724	2 11-16	—	7½	1.65	1.95
Zehad	21503	Manhattan No. 15	721	2⅝	1 3-16	6½	1.25	1.55
Zehaf	21504	Mosher Headlight	786	1¼	1 13-16	4	1.25	1.55
Zehag	21505	Pioneer	607	1¾	1¼	5⅞	1.25	1.55
Zehah	21506	Pioneer	609A	1¾	1⅜	6⅛	1.25	1.55
Zehak	21507	St. Louis No. 5	817	2	1 1-16	5¼	1.25	1.55
Zehal	21508	St. Louis Car Headlight	787	1⅝	1 3-32	5¼	1.25	1.55
Zeham	21509	Sterling	611	1⅞	1 3-16	6 3-16	1.25	1.55
Zehan	21510	Toerring	795	7¾	—	10	4.00	4.50
Zehap	21511	Toerring	766	3¼	—	8½	2.00	2.30
Zehar	21512	Toerring No. 1	693	2⅝	—	6¾	1.65	1.95
Zehas	21513	Toerring No. 2	684	2⅝	—	8	1.65	1.95
Zehat	21514	Toerring No. 3	714	3¼	—	8⅛	2.00	2.30
Zehav	21515	Western Electric Company	—	1⅞	1 3-16	6⅛	1.25	1.55
Zehaw	21516	Western Electric Company, Style "H"	—	1⅞	1 3-16	6⅛	1.25	1.55
Zehax	21517	Western Electric Company, Style "L"	—	3¾	—	7⅞	1.65	1.95
Zehaz	21518	Western Electric Company, Style "P"	—	3¾	—	7¾	2.00	2.30
Zehe	21519	Western Electric Company, Style "Q"	—	3¾	—	8¾	2.00	2.30
Zeheb	21520	Western Electric Company, Style "R"	—	3¾	—	8⅛	2.00	2.30
Zehed	21521	Westinghouse Electric & Mfg. Co., No. 7010	—	1 15-16	1⅛	7⅜	1.25	1.55
Zehef	21522	Short-Westinghouse	—	1 15-16	1 3-16	5	1.25	1.55
Zeheg	21523	Westinghouse Electric & Mfg. Co., No. 11368	—	2⅜	1 3-16	6	1.25	1.55
Zeheh	21524	Westinghouse, No. 11457	—	2⅜	1 3-16	7⅜	1.25	1.55
Zehek	21525	Westinghouse (G 11-2 Walker)	—	—	—	—	—	—
Zehel	21526	Westinghouse Globe No. 30061	—	2¾	—	8¼	1.65	1.95
Zehem	21527	Westinghouse Globe No. 35287	—	2 15-16	—	9	1.65	1.95
Zehen	21528	Westinghouse Globe No. 35290	—	2 15-16	—	7½	1.65	1.95

Standard packages contain, according to style: 3 doz., cost of packing, .30 to .40; 6 doz., cost of packing, .40 to .50; 12 doz., cost of packing, .60.

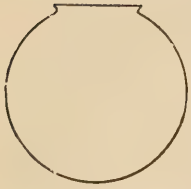
For broken packages an extra charge of .25 per doz., net, will be made, and .25 for packing and box.

Thermo-Glass, .50 per doz. advance.

OUTER GLOBES.

We have listed outer globes made from **Clear, Opalescent** and **Alba Glass.** We can also furnish **dense opal** globes when desired at same price as opalescent. We recommend **Alba Glass** in place of Opalescent; see description of this glass on page 355.

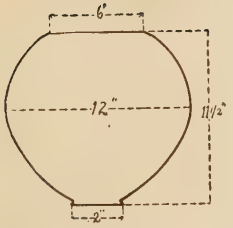
STYLE A GLOBES.



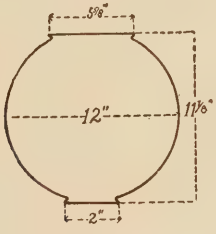
Style A Globe.

Code Word.	List No.	Name of Lamp.	Dimensions in inches.
Zusan	46331	Adams-Bagnall No. 57	13 x13 x8⅛
Zusap	46332	General Electric " 5	11½x11½x6
Zusar	46333	" " " 9	13 1/16 x13 1/16 x6⅛
Zusas	46334	" " " 11	13 1/16 x12 9/16 x8 1/16
Zusat	46335	Westinghouse	13 x13 x9¼
Zusav	46336	"	12¼x12¼x5¾
Zusaw	46337	Helios-Upton	12 x12 x6
Zusax	46338	"	10 x10½x5¼
Zusaz	46339	"	12 x12 x5½
Zuse	46340	Manhattan No. 301	11½x11½x5⅝
Zuseb	46341	General Incandescent	12 x12 x6
Zused	46342	Jandus 16	12 x12 x6
Zusef	46343	" 11	8 x 7½x4⅜
Zuseg	46344	" 9	13 x13 x6¾
Zuseh	46345	Toerring	12 x12 x6
Zusek	46346	Imperial Electric	12 x12 x6
Zusel	46347	Stanley Electric	12 x12 x6 13/16
Zusem	46348	Western Electric	12 x12 x7
Zusen	46349	Fort Wayne	13 x13 x8
Zusep	46350	Lea	12 x12½x6
Zuser	46351	"	10 x 9½x6
Zuses	46352	"	10 x10½x4 7/16
Zuset	46353	Anderson	10 x10½x4 7/16
Zusev	46354	Climax No. 300	12 x12 x7
Zusew	46355	Crouse Hinds	9½x 9⅛x5¾

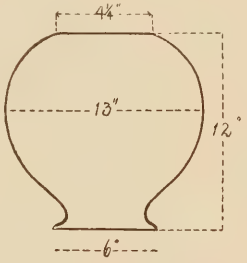
			List Price, per doz.
Zusex	46356	Clear	$14.00
Zusez	46357	Opalescent	16.00
Zusim	46358	Alba	18.00



General Electric No. 1.

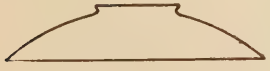


Gilbert Series.



Jandus and Manhattan.

	No.	Price per dozen. Clear.	Opalescent.	Alba.
Zusi	46359	$14.00	$16.00	$18.00
Zusib	46360	14.00	16.00	18.00
Zusid	46361	14.00	16.00	18.00



No. 46367

No. 46369

STYLE B SHADES.

			Diam.	Fitter.
Zabawet	48989	Westinghouse	20 in.	6 in.
Zusif	46362	General Incandescent, No. 38	16 in.	6 in.
Zusig	46363	Fort Wayne Co., No. 1.	16 in.	6⅛ in.
Zusih	46364	Manhattan Co., No. 5.	18 in.	5⅝ in.
Zusik	46365	Helios-Upton Co., No. 2	18 in.	6 in.
Zusil	46366	Western Electric Co., Style M	18 in.	7 in.
Zusiv	46368	Adams-Bagnall No. 6	17. in.	8¼ in

Zusis	46367	Style B Shades, Opal	Doz. $14.00
Zusit	46369	Adams-Bagnall No. 6, Opal	Doz. 16.00

"ELECTRA" NUERNBERG CARBONS.

•TRADE MARK•

FOR DIRECT CURRENT OPEN ARC LAMPS. (White Label.)

These Carbons are commercially known as "White Label Electra" and are suitable for all styles of Direct Current Open Arc Lamps. There is no stamp on the Carbon itself, but each bundle bears a white label with trade mark "Electra."

Prices are per 1000 Carbons.

Soft Cored Uppers.

Diam.	Length.	List Price Per 1000.
5/8 x 6	in.	$22.00
7/16x 7½	in.	20.00
1/2 x 7½	in.	22.00
9/16x 7½	in.	23.00
5/8 x 7½	in.	27.60
11/16x 7½	in.	30.00
11/16x 8	in.	33.30
13/16x 8	in.	37.00
7/16x10	in.	24.75
1/2 x10	in.	27.50
9/16x10	in.	28.10
5/8 x10	in.	32.80
11/16x10	in.	38.10
13/16x10	in.	43.90
7/16x12	in.	27.00
1/2 x12	in.	29.60
9/16x12	in.	30.80
5/8 x12	in.	36.50

Solid Lowers.

5/16x 6	in.	$13.00
3/8 x 6	in.	14.60

Diam.	Length.	List Price Per 1000.
7/16x 6	in.	15.00
1/2 x 6	in.	16.50
7/16x 7	in.	16.00
1/2 x 7	in.	18.00
9/16x 7	in.	21.00
5/8 x 7	in.	24.00
5/16x 7½	in.	17.00
3/8 x 7½	in.	18.50
7/16x 7½	in.	18.75
1/2 x 7½	in.	20.00
5/8 x 7½	in.	24.50
5/16x 9½	in.	20.00
3/8 x 9½	in.	22.00
7/16x 9½	in.	23.10
1/2 x 9½	in.	25.20
15/32x10	in.	25.20
1/2 x10	in.	26.20
5/16x12	in.	20.00
7/16x12	in.	26.80
1/2 x12	in.	28.20
9/16x12	in.	29.50
5/8 x12	in.	35.50

FOR ALTERNATING CURRENT OPEN ARC LAMPS. (Pink Label.)

These Carbons are commercially known as "Pink Label Electra" Carbons, and besides being adapted for all styles of Alternating Current Open Arc Lamps, have no equal for either direct or alternating current work for Stage Lighting, Photo-Engraving, Moving Picture Machines, etc., where absolute steadiness of arc and quiet burning are essential. Prices are per 1000 Carbons.

Inches.	List Price Per 1000. Cored.	Solid.
13x150 m/m (1/2 x 6)	$24.50	$20.00
14x150 m/m (9/16x 6)	25.50	22.50
15x150 m/m (19/32x 6)	26.50	23.00
16x150 m/m (5/8 x 6)	27.50	23.50
13x175 m/m (1/2 x 7)	25.80	23.00
14x175 m/m (9/16x 7)	27.75	24.75
15x175 m/m (19/32x 7)	28.80	25.50
16x175 m/m (5/8 x 7)	30.70	26.50
13x190 m/m (1/2 x 7½)	26.00	23.25
14x190 m/m (9/16x 7½)	29.00	26.00
15x190 m/m (19/32x 7½)	31.40	27.50
16x190 m/m (5/8 x 7½)	32.00	28.50

Inches.	List Price Per 1000. Cored.	Solid.
13x240 m/m (1/2 x 9½)	31.75	30.00
14x240 m/m (9/16x 9½)	33.00	31.25
15x240 m/m (19/32x 9½)	35.75	33.50
16x240 m/m (5/8 x 9½)	40.00	38.00
13x255 m/m (1/2 x10)	33.00	31.25
14x255 m/m (9/16x10)	35.00	33.40
15x255 m/m (19/32x10)	38.50	35.50
16x255 m/m (5/8 x10)	42.75	40.00
13x305 m/m (1/2 x12)	38.00	37.00
14x305 m/m (9/16x12)	42.00	40.00
15x305 m/m (19/32x12)	46.00	44.25
16x305 m/m (5/8 x12)	50.00	47.50

FOR ENCLOSED LONG BURNING ARC LAMPS.—DIRECT OR ALTERNATING CURRENT. (Blue Label.)

"Electra" Carbons for Enclosed Lamps (Blue Label) have no equal; they are the most economical Carbons made for both Direct and Alternating Current. They have no equal for use also in Arc Headlights. They are made of the best material, insuring steady white light and clean globes. They are guaranteed absolutely uniform in diameter and straightness. The prices are per 1000 Carbons.

Solid.

5/8 x12	in.	$50.00
9/16x12	in.	45.00
1/2 x12	in.	37.90
1/2 x10	in.	34.50
1/2 x 9½	in.	32.50
1/2 x 8	in.	28.00
1/2 x 6	in.	20.50
1/2 x 5	in.	16.75
7/16x12	in.	31.40
7/16x10	in.	28.50
7/16x 9½	in.	27.75
3/8 x12	in.	29.50
3/8 x10	in.	27.50
3/8 x 9½	in.	27.00
3/8 x 6	in.	15.00
5/16x 8	in.	22.75

Cored.

5/8 x12	in.	$53.20
1/2 x12	in.	39.00
1/2 x10	in.	36.30
1/2 x 9½	in.	34.20
1/2 x 8	in.	29.50
7/16x12	in.	34.00
7/16x 9½	in.	29.20
3/8 x12	in.	31.00
3/8 x 9½	in.	28.30

PRICES FOR OTHER SIZES GIVEN ON APPLICATION.

PRICE LIST OF CARBON BRUSHES.

	Per 100.
1 x ½ x ¼	$3.75
1 x ½ x ⅜	3.75
1 x ½ x ½	3.75
1 x ¾ x ¼	3.75
1 x ¾ x ⅜	3.75
1 x ¾ x ½	3.75
1 x ¾ x ⅝	3.75
1 x ¾ x ¾	4.50
1 x1 x ¼	3.75
1 x1 x ⅜	3.75
1 x1 x ½	3.75
1 x1 x ⅝	4.50
1 x1 x ¾	4.50
1 x1 x ⅞	6.00
1 x1 x1	6.00
1½ x ½ x ¼	3.75
1½ x ½ x ⅜	3.75
1½ x ½ x ½	3.75
1½ x ¾ x ¼	3.75
1½ x ¾ x ⅜	3.75
1½ x ¾ x ½	4.50
1½ x ¾ x ⅝	4.50
1½ x ¾ x ¾	6.00
1½ x1 x ¼	3.75
1½ x1 x ⅜	4.50
1½ x1 x ½	4.50
1½ x1 x ⅝	6.00
1½ x1 x ¾	6.00
1½ x1 x ⅞	7.50
1½ x1 x1	7.50
1½ x1 1¼ x ¼	3.75
1½ x1 1¼ x ⅜	4.50
1½ x1 1¼ x ½	6.00
1½ x1 1¼ x ⅝	6.00
1½ x1 1¼ x ¾	7.50
1½ x1 1¼ x ⅞	7.50
1½ x1 1¼ x1	9.00
1½ x1 1¼ x1 1⅛	9.00
1½ x1 1¼ x1 1¼	9.00
1½ x1 1½ x ¼	4.50
1½ x1 1½ x ⅜	6.00
1½ x1 1½ x ½	6.00
1½ x1 1½ x ⅝	7.50
1½ x1 1½ x ¾	7.50
1½ x1 1½ x ⅞	9.00
1½ x1 1½ x1	9.00
1½ x1 1½ x1 1⅛	9.00
1½ x1 1½ x1 1¼	9.00
1½ x1 1½ x1 ⅜	9.75
1½ x1 1½ x1 1½	10.50
2 x ½ x ¼	3.75
2 x ½ x ⅜	3.75
2 x ½ x ½	3.75
2 x ¾ x ¼	3.75
2 x ¾ x ⅜	4.50
2 x ¾ x ½	4.50
2 x ¾ x ⅝	6.00
2 x ¾ x ¾	6.00
2 x1 x ¼	3.75
2 x1 x ⅜	4.50
2 x1 x ½	6.00
2 x1 x ⅝	6.00
2 x1 x ¾	7.50
2 x1 x ⅞	7.50
2 x1 x1	9.00
2 x1 1¼ x ¼	4.50
2 x1 1¼ x ⅜	6.00
2 x1 1¼ x ½	6.00
2 x1 1¼ x ⅝	7.50
2 x1 1¼ x ¾	9.00
2 x1 1¼ x ⅞	9.00
2 x1 1¼ x1	9.00
2 x1 1¼ x1 1⅛	9.00
2 x1 1¼ x1 1¼	9.75

	Per 100.
2 x1 1½ x ¼	4.50
2 x1 1½ x ⅜	6.00
2 x1 1½ x ½	7.50
2 x1 1½ x ⅝	9.00
2 x1 1½ x ¾	9.00
2 x1 1½ x ⅞	9.00
2 x1 1½ x1	10.50
2 x1 1½ x1 1⅛	11.25
2 x1 1½ x1 1¼	12.00
2 x1 1½ x1 1⅜	12.75
2 x1 1½ x1 1½	14.25
2 x1 ¾ x ¼	6.00
2 x1 ¾ x ⅜	7.50
2 x1 ¾ x ½	7.50
2 x1 ¾ x ⅝	9.00
2 x1 ¾ x ¾	9.75
2 x1 ¾ x ⅞	11.25
2 x1 ¾ x1	12.00
2 x1 ¾ x1 1⅛	12.75
2 x1 ¾ x1 1¼	14.25
2 x1 ¾ x1 1⅜	15.00
2 x1 ¾ x1 1½	16.50
2 x2 x ¼	6.00
2 x2 x ⅜	7.50
2 x2 x ½	9.00
2 x2 x ⅝	9.75
2 x2 x ¾	11.25
2 x2 x ⅞	12.75
2 x2 x1	13.50
2 x2 x1 1⅛	15.00
2 x2 x1 1¼	16.50
2 x2 x1 1⅜	17.25
2 x2 x1 1½	18.75
2½ x ½ x ¼	3.75
2½ x ½ x ⅜	3.75
2½ x ½ x ½	4.50
2½ x ¾ x ¼	3.75
2½ x ¾ x ⅜	4.50
2½ x ¾ x ½	6.00
2½ x ¾ x ⅝	6.00
2½ x ¾ x ¾	7.50
2½ x1 x ¼	4.50
2½ x1 x ⅜	6.00
2½ x1 x ½	6.00
2½ x1 x ⅝	7.50
2½ x1 x ¾	9.00
2½ x1 x ⅞	9.00
2½ x1 x1	9.00
2½ x1 1¼ x ¼	6.00
2½ x1 1¼ x ⅜	6.00
2½ x1 1¼ x ½	7.50
2½ x1 1¼ x ⅝	9.00
2½ x1 1¼ x ¾	9.00
2½ x1 1¼ x ⅞	9.75
2½ x1 1¼ x1	10.50
2½ x1 1¼ x1 1⅛	12.00
2½ x1 1¼ x1 1¼	12.75
2½ x1 1½ x ¼	6.00
2½ x1 1½ x ⅜	7.50
2½ x1 1½ x ½	9.00
2½ x2 ½ x ¾	9.00
2½ x1 1¼ x ¾	10.50
2½ x1 1½ x ⅞	12.00
2½ x1 1½ x1	12.75
2½ x1 1½ x1 1⅛	14.25
2½ x1 1½ x1 1¼	15.00
2½ x1 1½ x1 ⅜	16.50
2½ x1 1½ x1 1½	17.25
2½ x1 ¾ x ¼	6.00
2½ x1 ¾ x ⅜	7.50
2½ x1 ¾ x ½	9.75
2½ x1 ¾ x ⅝	10.50
2½ x1 ¾ x ¾	12.00
2½ x1 ¾ x ⅞	13.50

	Per 100
2½ x1 ¾ x1	15.00
2½ x1 ¾ x1 1⅛	16.50
2½ x1 ¾ x1 1¼	18.00
2½ x1 ¾ x1 1⅜	18.75
2½ x1 ¾ x1 1½	20.25
2½ x2 x ¼	6.00
2½ x2 x ⅜	9.00
2½ x2 x ½	10.50
2½ x2 x ⅝	12.00
2½ x2 x ¾	14.25
2½ x2 x ⅞	15.75
2½ x2 x1	17.25
2½ x2 x1 1⅛	18.75
2½ x2 x1 1¼	20.25
2½ x2 x1 1⅜	21.75
2½ x2 x1 1½	23.25
2½ x2 1¼ x ¼	9.00
2½ x2 1¼ x ⅜	10.50
2½ x2 1¼ x ½	12.00
2½ x2 1¼ x ⅝	13.50
2½ x2 1¼ x ¾	15.75
2½ x2 1¼ x ⅞	17.25
2½ x2 1¼ x1	18.75
2½ x2 1¼ x1 1⅛	21.00
2½ x2 1¼ x1 1¼	22.50
2½ x2 1¼ x1 1⅜	24.75
2½ x2 1¼ x1 1½	26.25
2½ x2 1½ x ¼	9.75
2½ x2 1½ x ⅜	11.25
2½ x2 1½ x ½	13.50
2½ x2 1½ x ⅝	15.00
2½ x2 1½ x ¾	17.25
2½ x2 1½ x ⅞	19.50
2½ x2 1½ x1	21.00
2½ x2 1½ x1 1⅛	23.25
2½ x2 1½ x1 1¼	25.50
2½ x2 1½ x1 1⅜	27.00
2½ x2 1½ x1 1½	29.25
3 x1 x ¼	4.50
3 x1 x ⅜	6.00
3 x1 x ½	7.50
3 x1 x ⅝	9.00
3 x1 x ¾	9.00
3 x1 x ⅞	9.00
3 x1 x1	10.50
3 x1 1½ x ¼	6.00
3 x1 1½ x ⅜	7.50
3 x1 1½ x ½	9.75
3 x1 1½ x ⅝	11.25
3 x1 1½ x ¾	12.75
3 x1 1½ x ⅞	14.25
3 x1 1½ x1	15.00
3 x1 1½ x1 1⅛	16.50
3 x1 1½ x1 1¼	18.00
3 x1 1½ x1 1⅜	19.50
3 x1 1½ x1 1½	21.00
3 x2 x ¼	9.00
3 x2 x ⅜	11.25
3 x2 x ½	12.75
3 x2 x ⅝	15.00
3 x2 x ¾	16.50
3 x2 x ⅞	18.75
3 x2 x1	20.25
3 x2x 1⅛	22.50
3 x2 x1 1¼	24.00
3 x2 x1 1⅜	26.25
3 x2 x1 1½	27.75
3 x2 1½ x ¼	12.00
3 x2 1½ x ⅜	14.25
3 x2 1½ x ½	15.75
3 x2 1½ x ⅝	18.00
3 x2 1½ x ¾	21.00
3 x2 1½ x ⅞	23.25
3 x2 1½ x1	25.50

PRICE LIST OF CARBON BRUSHES.

	Per 100.
3 x2 ½ x1 ⅛	27.75
3 x2 ½ x1 ¼	30.00
3 x2 ½ x1 ⅜	32.25
3 x2 ½ x1 ½	35.25
3 x3 x ¼	14.25
3 x3 x ⅜	16.50
3 x3 x ½	19.50
3 x3 x ⅝	21.75
3 x3 x ¾	24.75
3 x3 x ⅞	27.75
3 x3 x1	30.75
3 x3 x1 ⅛	33.75
3 x3 x1 ¼	36.75
3 x3 x1 ⅜	39.00
3 x3 x1 ½	42.00
3 ½ x1 x ¼	6.00
3 ½ x1 x ⅜	7.50
3 ½ x1 x ½	7.50
3 ½ x1 x ⅝	9.00
3 ½ x1 x ¾	9.75
3 ½ x1 x ⅞	11.25
3 ½ x1 x1	12.00
3 ½ x1 ½ x ¼	7.50
3 ½ x1 ½ x ⅜	9.75
3 ½ x1 ½ x ½	11.25
3 ½ x1 ½ x ⅝	12.75
3 ½ x1 ½ x ¾	14.25
3 ½ x1 ½ x ⅞	16.50
3 ½ x1 ½ x1	18.00
3 ½ x1 ½ x1 ⅛	19.50
3 ½ x1 ½ x1 ¼	21.00
3 ½ x1 ½ x1 ⅜	22.50
3 ½ x1 ½ x1 ½	24.75
3 ½ x2 x ¼	11.25
3 ½ x2 x ⅜	12.75
3 ½ x2 x ½	15.00
3 ½ x2 x ⅝	17.25
3 ½ x2 x ¾	19.50
3 ½ x2 x ⅞	21.75
3 ½ x2 x1	24.00
3 ½ x2 x1 ⅛	26.25
3 ½ x2 x1 ¼	28.50
3 ½ x2 x1 ⅜	30.75
3 ½ x2 x1 ½	33.00
3 ½ x2 ½ x ¼	13.50
3 ½ x2 ½ x ⅜	16.50
3 ½ x2 ½ x ½	18.75
3 ½ x2 ½ x ⅝	21.00
3 ½ x2 ½ x ¾	24.00
3 ½ x2 ½ x ⅞	27.00
3 ½ x2 ½ x1	30.00
3 ½ x2 ½ x1 ⅛	33.00
3 ½ x2 ½ x1 ¼	35.25
3 ½ x2 ½ x1 ⅜	38.25
3 ½ x2 ½ x1 ½	41.25
3 ½ x3 x ¼	16.50
3 ½ x3 x ⅜	19.50
3 ½ x3 x ½	22.50
3 ½ x3 x ⅝	25.50
3 ½ x3 x ¾	29.25
3 ½ x3 x ⅞	32.25
3 ½ x3 x1	36.00
3 ½ x3 x1 ⅛	39.00
3 ½ x3 x1 ¼	42.75
3 ½ x3 x1 ⅜	45.75
3 ½ x3 x1 ½	49.50
3 ½ x3 ½ x ¼	18.75
3 ½ x3 ½ x ⅜	22.50
3 ½ x3 ½ x ½	25.50
3 ½ x3 ½ x ⅝	30.00
3 ½ x3 ½ x ¾	33.75
3 ½ x3 ½ x ⅞	38.25
3 ½ x3 ½ x1	41.25
3 ½ x3 ½ x1 ⅛	45.75
3 ½ x3 ½ x1 ¼	49.50
3 ½ x3 ½ x1 ⅜	53.25
3 ½ x3 ½ x1 ½	57.00
4 x1 x ¼	6.00
4 x1 x ⅜	7.50
4 x1 x ½	9.00
4 x1 x ⅝	9.75
4 x1 x ¾	11.25
4 x1 x ⅞	12.75
4 x1 x1	13.50
4 x1 ½ x ¼	9.00
4 x1 ½ x ⅜	11.25
4 x1 ½ x ½	12.75
4 x1 ½ x ⅝	15.00

	Per 100.
4 x1 ½ x ¾	16.50
4 x1 ½ x ⅞	18.75
4 x1 ½ x1	20.25
4 x1 ½ x1 ⅛	22.50
4 x1 ½ x1 ¼	24.00
4 x1 ½ x1 ⅜	26.25
4 x1 ½ x1 ½	27.75
4 x2 x ¼	12.75
4 x2 x ⅜	15.00
4 x2 x ½	17.25
4 x2 x ⅝	19.50
4 x2 x ¾	22.50
4 x2 x ⅞	24.75
4 x2 x1	27.00
4 x2 x1 ⅛	30.00
4 x2 x1 ¼	32.25
4 x2 x1 ⅜	34.50
4 x2 x1 ½	37.50
4 x2 ½ x ¼	15.75
4 x2 ½ x ⅜	18.75
4 x2 ½ x ½	21.75
4 x2 ½ x ⅝	24.75
4 x2 ½ x ¾	27.75
4 x2 ½ x ⅞	31.50
4 x2 ½ x1	33.75
4 x2 ½ x1 ⅛	37.50
4 x2 ½ x1 ¼	40.50
4 x2 ½ x1 ⅜	43.50
4 x2 ½ x1 ½	46.50
4 x3 x ¼	18.75
4 x3 x ⅜	22.50
4 x3 x ½	25.50
4 x3 x ⅝	29.25
4 x3 x ¾	33.00
4 x3 x ⅞	37.50
4 x3 x1	40.50
4 x3 x1 ⅛	45.00
4 x3 x1 ¼	48.75
4 x3 x1 ⅜	52.50
4 x3 x1 ½	56.25
4 x3 ½ x ¼	21.75
4 x3 ½ x ⅜	26.25
4 x3 ½ x ½	30.00
4 x3 ½ x ⅝	34.50
4 x3 ½ x ¾	39.00
4 x3 ½ x ⅞	43.50
4 x3 ½ x1	47.25
4 x3 ½ x1 ⅛	52.50
4 x3 ½ x1 ¼	57.00
4 x3 ½ x1 ⅜	60.75
4 x3 ½ x1 ½	65.25
4 x4 x ¼	24.75
4 x4 x ⅜	30.00
4 x4 x ½	34.50
4 x4 x ⅝	39.00
4 x4 x ¾	44.25
4 x4 x ⅞	49.50
4 x4 x1	54.00
4 x4 x1 ⅛	60.00
4 x4 x1 ¼	64.50
4 x4 x1 ⅜	69.75
4 x4 x1 ½	75.00
4 ½ x1 x ¼	6.00
4 ½ x1 x ⅜	7.50
4 ½ x1 x ½	9.75
4 ½ x1 x ⅝	11.25
4 ½ x1 x ¾	12.75
4 ½ x1 x ⅞	14.25
4 ½ x1 x1	15.00
4 ½ x1 ½ x ¼	10.50
4 ½ x1 ½ x ⅜	12.75
4 ½ x1 ½ x ½	14.25
4 ½ x1 ½ x ⅝	16.50
4 ½ x1 ½ x ¾	18.75
4 ½ x1 ½ x ⅞	21.00
4 ½ x1 ½ x1	23.25
4 ½ x1 ½ x1 ⅛	25.50
4 ½ x1 ½ x1 ¼	27.00
4 ½ x1 ½ x1 ⅜	29.25
4 ½ x1 ½ x1 ½	31.50
4 ½ x2 x ¼	14.25
4 ½ x2 x ⅜	15.00
4 ½ x2 x ½	19.50
4 ½ x2 x ⅝	21.75
4 ½ x2 x ¾	24.75
4 ½ x2 x ⅞	27.75
4 ½ x2 x1	30.75
4 ½ x2 x1 ⅛	33.75

	Per 100.
4 ½ x2 x1 ¼	36.75
4 ½ x2 x1 ⅜	39.00
4 ½ x2 x1 ½	42.00
4 ½ x2 ½ x ¼	17.25
4 ½ x2 ½ x ⅜	21.00
4 ½ x2 ½ x ½	24.00
4 ½ x2 ½ x ⅝	27.75
4 ½ x2 ½ x ¾	31.50
4 ½ x2 ½ x ⅞	35.25
4 ½ x2 ½ x1	38.25
4 ½ x2 ½ x1 ⅛	42.00
4 ½ x2 ½ x1 ¼	45.75
4 ½ x2 ½ x1 ⅜	48.75
4 ½ x2 ½ x1 ½	52.50
4 ½ x3 x ¼	21.00
4 ½ x3 x ⅜	24.75
4 ½ x3 x ½	29.25
4 ½ x3 x ⅝	33.00
4 ½ x3 x ¾	37.50
4 ½ x3 x ⅞	42.00
4 ½ x3 x1	45.75
4 ½ x3 x1 ⅛	50.25
4 ½ x3 x1 ¼	54.75
4 ½ x3 x1 ⅜	58.50
4 ½ x3 x1 ½	63.00
4 ½ x3 ½ x ¼	24.75
4 ½ x3 ½ x ⅜	29.25
4 ½ x3 ½ x ½	33.75
4 ½ x3 ½ x ⅝	38.25
4 ½ x3 ½ x ¾	43.50
4 ½ x3 ½ x ⅞	48.75
4 ½ x3 ½ x1	53.25
4 ½ x3 ½ x1 ⅛	58.50
4 ½ x3 ½ x1 ¼	63.75
4 ½ x3 ½ x1 ⅜	68.25
4 ½ x3 ½ x1 ½	73.50
4 ½ x4 x ¼	27.75
4 ½ x4 x ⅜	33.75
4 ½ x4 x ½	38.25
4 ½ x4 x ⅝	44.25
4 ½ x4 x ¾	50.25
4 ½ x4 x ⅞	55.50
4 ½ x4 x1	60.75
4 ½ x4 x1 ⅛	67.50
4 ½ x4 x1 ¼	72.75
4 ½ x4 x1 ⅜	78.00
4 ½ x4 x1 ½	84.00
5 x1 x ¼	6.00
5 x1 x ⅜	9.00
5 x1 x ½	10.50
5 x1 x ⅝	12.00
5 x1 x ¾	14.25
5 x 1x ⅞	15.75
5 x1 x1	17.25
5 x1 ½ x ¼	12.00
5 x1 ½ x ⅜	14.25
5 x1 ½ x ½	15.75
5 x1 ½ x ⅝	18.00
5 x1 ½ x ¾	21.00
5 x1 ½ x ⅞	23.25
5 x1 ½ x1	25.50
5 x1 ½ x1 ⅛	27.75
5 x1 ½ x1 ¼	30.75
5 x1 ½ x1 ⅜	32.25
5 x1 ½ x1 ½	35.25
5 x2 x ¼	15.75
5 x2 x ⅜	18.75
5 x2 x ½	21.75
5 x2 x ⅝	24.75
5 x2 x ¾	27.75
5 x2 x ⅞	30.75
5 x2 x1	33.75
5 x2 x1 ⅛	37.50
5 x2 x1 ¼	40.50
5 x2 x1 ⅜	43.50
5 x2 x1 ½	46.50
5 x2 ½ x ¼	19.50
5 x2 ½ x ⅜	23.25
5 x2 ½ x ½	27.00
5 x2 ½ x ⅝	30.75
5 x2 ½ x ¾	34.50
5 x2 ½ x ⅞	39.00
5 x2 ½ x1	42.75
5 x2 ½ x1 ⅛	46.50
5 x2 ½ x1 ¼	51.00
5 x2 ½ x1 ⅜	54.00
5 x2 ½ x1 ½	58.50
5 x3 x ¼	23.25

PRICE LIST OF CARBON BRUSHES.

		Per 100.
5	x3 x 3/8	27.75
5	x3x 1/2	32.25
5	x3 x 5/8	36.75
5	x3 x 3/4	42.00
5	x3 x 7/8	46.50
5	x3 x1	51.00
5	x3 x1 1/4	56.25
5	x3 x1 3/8	60.75
5	x3 x1 1/2	65.25
5	x3 x1 1/2	70.50
5	x3 1/2 x 1/4	27.00
5	x3 1/2 x 3/8	32.25
5	x3 1/2 x 1/2	37.50
5	x3 1/2 x 5/8	42.75
5	x3 1/2 x 3/4	48.75
5	x3 1/2 x 7/8	54.00
5	x3 1/2 x1	59.25
5	x3 1/2 x1 1/4	65.25
5	x3 1/2 x1 1/2	71.25
5	x3 1/2 x1 3/4	75.75
5	x3 1/2 x1 1/2	81.75
5	x4 x 1/4	31.50
5	x4 x 3/8	37.50
5	x4 x 1/2	42.75
5	x4 x 5/8	48.75
5	x4 x 3/4	55.50
5	x4 x 7/8	62.25
5	x4 x1	67.50
5	x4 x1 1/8	74.25
5	x4 x1 1/4	81.00
5	x4 x1 3/8	87.00
5	x4 x1 1/2	93.75
6	x 1/2 x 1/4	6.00
6	x 1/2 x 3/8	6.00
6	x 1/2 x 1/2	7.50
6	x 3/4 x 1/4	6.00
6	x 3/4 x 3/8	7.50
6	x 3/4 x 1/2	9.75
6	x 3/4 x 5/8	11.25
6	x 3/4 x 3/4	12.75
6	x1 x 1/4	9.75
6	x1 x 3/8	11.25
6	x1 x 1/2	12.75
6	x1 x 5/8	15.00
6	x1 x 3/4	16.50
6	x1 x 7/8	18.75
6	x1 x1	20.25
6	x1 1/4 x 1/4	12.00
6	x1 1/2 x 3/8	14.25
6	x1 1/2 x 1/2	15.75
6	x1 1/2 x 5/8	18.00
6	x1 1/2 x 3/4	21.00
6	x1 1/2 x 7/8	23.25
6	x1 1/4 x1	25.50
6	x1 1/4 x1 1/8	27.75
6	x1 1/4 x1 1/4	30.75
6	x1 1/2 x 1/4	14.25
6	x1 1/2 x 3/8	16.50
6	x1 1/2 x 1/2	19.50
6	x1 1/2 x 5/8	21.75

		Per 100.
6	x1 1/2 x 3/4	24.75
6	x1 1/2 x 7/8	27.75
6	x1 1/2 x1	30.75
6	x1 1/2 x1 1/8	33.75
6	x1 1/2 x1 1/4	36.75
6	x1 1/2 x1 3/8	39.00
6	x1 1/2 x1 1/2	42.00
6	x2 x 1/4	18.75
6	x2 x 3/8	22.50
6	x2 x 1/2	25.50
6	x2 x 3/8	29.25
6	x2 x 3/4	33.00
6	x2 x 7/8	37.50
6	x2 x1	40.50
6	x2 x1 1/8	45.00
6	x2 x1 1/4	48.75
6	x2 x1 3/8	52.50
6	x2 x1 1/2	56.25
6	x2 1/4 x 1/4	21.00
6	x2 1/4 x 3/8	24.75
6	x2 1/4 x 1/2	29.25
6	x2 1/4 x 5/8	33.00
6	x2 1/2 x 3/4	37.50
6	x2 1/4 x 7/8	42.00
6	x2 1/4 x1	45.75
6	x2 1/4 x1 1/8	50.25
6	x2 1/4 x1 1/4	54.75
6	x2 1/4 x1 3/8	58.50
6	x2 1/4 x1 1/2	63.00
6	x2 1/2 x 1/4	23.25
6	x2 1/2 x 3/8	27.75
6	x2 1/2 x 1/2	32.25
6	x2 1/2 x 5/8	36.75
6	x2 1/2 x 3/4	42.00
6	x2 1/2 x 7/8	46.50
6	x2 1/2 x1	51.00
6	x2 1/2 x1 1/8	56.25
6	x2 1/2 x1 1/4	60.75
6	x2 1/2 x1 3/8	65.25
6	x2 1/2 x1 1/2	70.50
7	x 1/2 x 1/4	6.00
7	x 1/2 x 3/8	7.50
7	x 1/2 x 1/2	7.50
7	x 3/4 x 1/4	7.50
7	x 3/4 x 3/8	9.75
7	x 3/4 x 1/2	11.25
7	x 3/4 x 5/8	12.75
7	x 3/4 x 3/4	14.25
7	x1 x 1/4	11.25
7	x1 x 3/8	12.75
7	x1 x 1/2	15.00
7	x1 x 5/8	17.25
7	x1 x 3/4	19.50
7	x1 x 7/8	21.75
7	x1 x1	24.00
7	x1 1/4 x 1/4	13.50
7	x1 1/4 x 3/8	16.50
7	x1 1/4 x 1/2	18.75
7	x1 1/4 x 5/8	21.00
7	x1 1/4 x 3/4	24.75

		Per 100.
7	x1 1/4 x 7/8	27.00
7	x1 1/4 x1	30.00
7	x1 1/4 x1 1/8	33.00
7	x1 1/4 x1 1/4	35.25
7	x1 1/2 x 1/4	16.50
7	x1 1/2 x 3/8	19.50
7	x1 1/2 x 1/2	22.50
7	x1 1/2 x 5/8	25.50
7	x1 1/2 x 3/4	29.25
7	x1 1/2 x 7/8	32.25
7	x1 1/2 x1	35.25
7	x1 1/2 x1 1/8	39.00
7	x1 1/2 x1 1/4	42.75
7	x1 1/2 x1 3/8	45.75
7	x1 1/2 x1 1/2	49.50
7	x1 3/4 x 1/4	18.75
7	x1 3/4 x 3/8	22.50
7	x1 3/4 x 1/2	26.25
7	x1 3/4 x 5/8	30.00
7	x1 3/4 x 3/4	33.75
7	x1 3/4 x 7/8	38.25
7	x1 3/4 x1	41.25
7	x1 3/4 x1 1/4	45.75
7	x1 3/4 x1 1/2	49.50
7	x1 3/4 x1 3/8	53.25
7	x1 3/4 x1 1/2	57.00
7	x2 x 1/4	21.75
7	x2 x 3/8	26.25
7	x2 x 1/2	30.00
7	x2 x 5/8	34.50
7	x2 x 3/4	39.00
7	x2 x 7/8	43.50
7	x2 x1	47.25
7	x2 x1 1/8	52.50
7	x2 x1 1/4	57.00
7	x2 x1 3/8	60.75
7	x2 x1 1/2	65.25
7	x2 1/4 x 1/4	24.75
7	x2 1/4 x 3/8	29.25
7	x2 1/4 x 1/2	33.75
7	x2 1/4 x 5/8	38.25
7	x2 1/4 x 3/4	43.50
7	x2 1/4 x 7/8	48.75
7	x2 1/4 x1	53.25
7	x2 1/4 x1 1/8	58.50
7	x2 1/4 x1 1/4	63.75
7	x2 1/4 x1 3/8	68.25
7	x2 1/4 x1 1/2	73.50
7	x2 1/2 x 1/4	27.00
7	x2 1/2 x 3/8	32.25
7	x2 1/2 x 1/2	37.50
7	x2 1/2 x 5/8	42.75
7	x2 1/2 x 3/4	48.75
7	x2 1/2 x 7/8	54.00
7	x2 1/2 x1	59.25
7	x2 1/2 x1 1/8	65.25
7	x2 1/2 x1 1/4	71.25
7	x2 1/2 x1 3/8	75.75
7	x2 1/2 x1 1/2	81.75

STANDARD ROUND BRUSHES.

	Per 100.
1/8 x12	9.00
1/4 x12	9.00
9/32x12	9.00
5/16x12	9.00
3/8 x12	9.00
7/16x12	9.00
1/2 x12	9.00
9/16x12	9.00

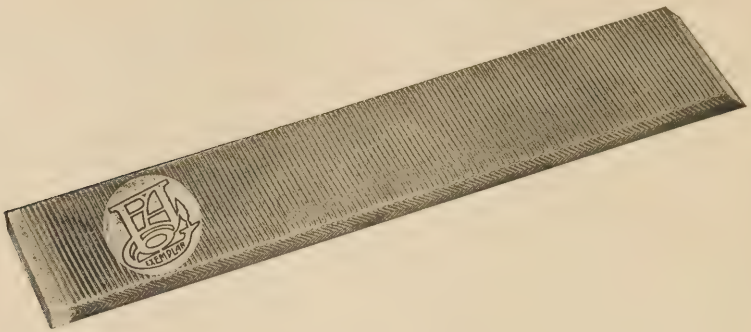
BRUSHES LISTING UNDER $10.00 PER 100.

In lots of less than 12 ..... $10.00 each, net

BRUSHES LISTING AT $10.00 PER 100 OR OVER.

In lots of less than 12 ..... List, net

WOVEN WIRE BRUSHES.



"EXEMPLAR" BRUSHES.

These brushes are made of pure copper cloth of the ordinary weave from 50 to 64 mesh.

This brush is made up in several styles, and we designate them as follows:

Style "F" is made entirely from cloth cut on the bias and is quite flexible lengthways.

Style "S" is made from square mesh cloth and is flexible sideways and stiff lengthways.

Style "G" is made of a combination of bias and square mesh cloth and is somewhat flexible, although it can be made stiff and rigid.

"EXEMPLAR" "K" BRUSHES.

These brushes are made of the purest copper, and the wires are drawn as soft as possible.

The centre of the brush is composed of braided wire, woven together, with a covering of very firm cloth, woven after the manner of lace.

This brush is furnished in two styles. Style "K" is sewed with incombustible thread or wire, and in Style "K S" the lap is soldered on the side. We also make this style brush from composition metal.

The weave of this cloth makes the brush quite flexible at the contact end, and it is particularly adapted for plating and other low voltage machines.

Code Word.	List No.	Length, In.	Width, In.	Thickness. 1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8
Expositors	13995	6	1/2	$0.75	$0.85	$0.90	$0.95	....	....	....	....	....
Expositorys	13996	6	5/8	.90	.95	1.00	1.05	....	....	....	....	....
Expounds	13997	6	3/4	.95	1.00	1.05	1.10	$1.15	....	....	....	....
Expressed	13998	6	7/8	1.05	1.10	1.15	1.30	1.50	....	....	....	....
Expresslys	13999	6	1	1.10	1.20	1.30	1.50	1.80	$2.10	$2.40	....	....
Expugned	14123	6	1 1/8	....	1.40	1.50	1.80	2.15	2.40	2.75	....	....
Expulsions	14124	7	1 1/4	....	1.60	1.75	2.00	2.25	2.75	3.30	....	....
Expurgated	14125	7	1 5/16	....	1.65	1.80	2.05	2.30	2.80	3.40	$4.10	....
Exquisites	14126	7	1 3/8	....	1.75	1.85	2.05	2.35	2.90	3.45	4.20	....
Exscinded	14127	7	1 7/16	....	1.80	1.90	2.10	2.45	3.00	3.55	4.30	$5.10
Extants	14128	7	1 1/2	....	1.90	1.95	2.20	2.50	3.00	3.60	4.40	5.20
Extasys	14129	7	1 5/8	....	2.00	2.10	2.30	2.60	3.10	3.70	4.50	5.30
Extaticly	14130	7	1 3/4	....	2.10	2.20	2.40	2.70	3.20	3.80	4.60	5.40
Extempored	14131	7	1 13/16	....	2.20	2.30	2.50	2.70	3.30	3.85	4.70	5.50
Extends	14132	7	1 7/8	....	2.30	2.40	2.60	2.80	3.40	3.90	4.80	5.60
Extensions	14133	7	2	....	2.40	2.50	2.70	3.00	3.50	4.00	4.90	5.70

Longer or shorter lengths, different widths and thicknesses, proportionate prices.

GAUZE AND COMPOSITE PENCIL BRUSHES.

			Gauze Style.	Composite Style.
Extensed	14134	3/16 inches diameter; per 100	$5.75	$10.75
Extensives	14135	1/4 inches diameter; per 100	6.00	11.00
Extenuated	14136	5/16 inches diameter; per 100	6.50	11.50
Exteriors	14137	3/8 inches diameter; per 100	6.75	12.75
Externals	14138	7/16 inches diameter; per 100	7.00	13.00
Extinctly	14139	1/2 inches diameter; per 100	7.25	13.50

The above prices are for brushes one inch long and under. Longer lengths proportionate prices.

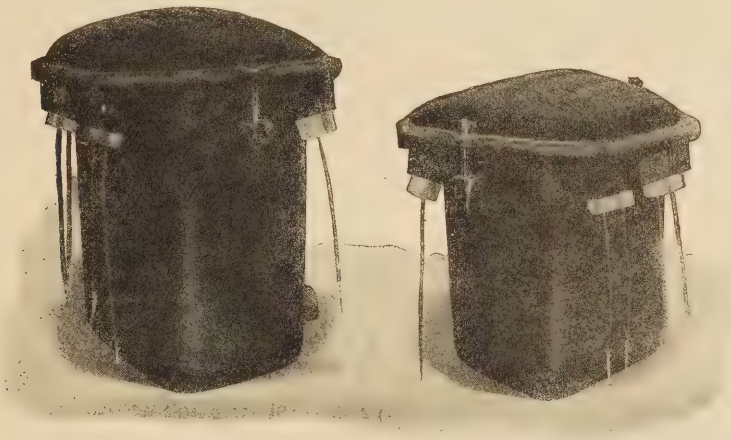
We will make special prices on these goods in quantities.

PITTSBURGH TRANSFORMERS.

Pittsburgh Transformers are manufactured in all commercial sizes to operate upon circuits of any voltage. We illustrate herein the principal lines manufactured by the company, these being the Pittsburgh Service Transformer, which is manufactured in all sizes up to and including 50 KVA to operate upon 1100 to 2200 volt primary circuits delivering 55 and 110 volts or 110 and 220 volts. These transformers are also supplied with various special ratios to operate upon primary circuits of 440 volts up to 3300 volts and also to deliver special secondary voltages as may be required by the customer.

Small High Voltage Transformers are used to step down direct from transmission lines for the supplying of light and power to small consumers.

Pittsburgh Power Transformers are made in both the self-cooled, oil insulated type as well as the water-cooled, oil insulated type.



New Pittsburgh Service Transformers.

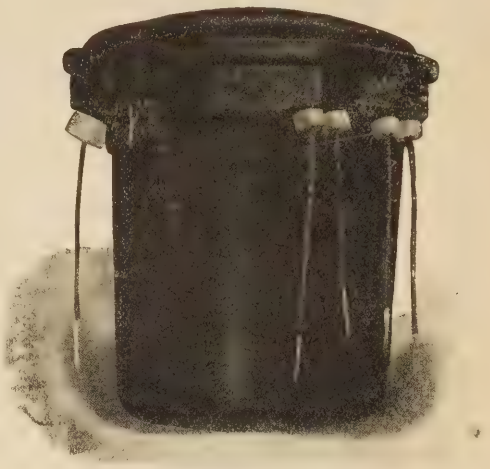
In developing the New Pittsburgh Service Transformer the aim of the company has been to produce a transformer possessing the highest electrical efficiency and the simplest and most rugged construction. The improvements in the New Transformer are the results of many years' experience by the engineers of the company and of suggestions from central station operators, which are acknowledged and appreciated. Thousands of the New Pittsburgh Transformers have been placed in service during the past year.

In the New Transformer the company has adhered to its well-known core type design, in preference to experimenting with novel forms of construction, for the reason that the Core Type Transformer has proven to be the most efficient and successful electrical apparatus ever produced.

PITTSBURGH TRANSFORMERS.

IMPROVEMENTS.

The bushings issue from the case at an angle of 30 degrees, which causes the leads to slant away from the case, both inside and outside. Some of the advantages of slanting bushings are that larger and heavier bushings may be used. The leads cannot be pulled up against the case, either inside or outside, and are prevented from coming in contact with the case and grounding or burning off. Much greater clearance spaces between the leads and the cast iron case are also secured.



Pittsburgh Service Transformer.

Pittsburgh Service Transformer.

The larger and heavier Pittsburgh bushings provide increased insulation at points where it is most needed and are free from accidental breakage which causes grounding or burning off of the primary leads. The increased surface of these bushings prevents leakage of current to the case and grounding during wet weather. On account of their large size, these bushings provide greatly increased safety to the consumers and linemen, as well as better protection against lightning, static discharges or line surges on account of the increased distance both inside and outside the case. Attention is called to the fact that these bushings project above the cement within the case, thus providing dry glazed porcelain insulation, which prevents current leakage across the cement. The lower end of the bushing is also enlarged, to give a dry petticoat effect.

PITTSBURGH TRANSFORMERS.

Paper insulated cables are used exclusively on the New Pittsburgh Service Transformers, instead of rubber coverings, on account of the fact that oil destroys rubber insulation, but improves the treated paper insulation on Pittsburgh cables.

The covers of the New Transformers are also improved in design and arch directly over the leads, thus providing increased clearance over the leads and over the terminal block. The holding down bolts are outside the storm lip, so that the water cannot enter the case through the bolt holes. The felt gasket employed is one inch wide and is securely seated in the deep groove in the cover.

The transformer is held between cast iron top and bottom plates and is accurately and rigidly centered by means of set screws. The bottom plate engages the sides of the case, and the top plate fits the case closely. There are set screws in the top plate which are tightened up against the case to take all play, no wooden wedges being used. The transformer is also bolted down by means of bolts which engage drilled lugs on the case. This rugged construction eliminates trouble due to rough or careless handling.

COOL OPERATION AND UNIFORM TEMPERATURES.

The New Pittsburgh Transformer operates under continuous full load with low temperature rise. Unusually complete provision has been made for the flow of oil through the core and winding. Cool oil constantly circulating around the transformer and through the large ventilating ducts maintains uniform temperature in the coils. Hot spots and local weakening of insulation are eliminated. Low internal temperatures and uniform temperatures insure permanent insulation and long life.

Primary Fuse-blocks, supplied with the New Pittsburgh Transformer, are all-porcelain and are heavy and substantial. These blocks are finished with a brown glaze, fired on, similar to high potential insulators. All-glazed Pittsburgh Fuse-blocks are safer to handle in wet weather than painted fuse-blocks, and their neat and sightly appearance, as well as insulation properties, are permanent.

IMPROVED EFFICIENCY.

The New Pittsburgh is the most efficient transformer ever produced. Data sheets and guarantees showing this will be furnished.

High Efficiency Type.			Standard Efficiency Type.		
Capacity.		List Price	Capacity.		List Price
Watts.	Lights.	Each.	Watts.	Lights.	Each.
600	12	$43.00	600	12	$42.00
1,000	20	54.00	1,000	20	45.00
1,500	30	65.00	1,500	30	58.00
2,000	40	76.00	2,000	40	67.00
2,500	50	85.00	2,500	50	75.00
3,000	60	95.00	3,000	60	85.00
4,000	80	114.00	4,000	80	100.00
5,000	100	133.00	5,000	100	115.00
7,500	150	180.00	7,500	150	155.00
10,000	200	222.00	10,000	200	200.00
15,000	300	306.00	15,000	300	270.00
20,000	400	381.00	20,000	400	330.00
25,000	500	449.00	25,000	500	400.00
30,000	600	523.00	30,000	600	450.00
40,000	800	658.00	40,000	800	570.00
50,000	1000	790.00	50,000	1000	680.00

PITTSBURGH TRANSFORMERS.

High Voltage Pittsburgh Transformer.

SMALL HIGH VOLTAGE TRANSFORMERS.

Companies operating high voltage transmissions find demands for power at various points along their lines. Such prospective consumers may be profitably supplied by means of Pittsburgh Small High Voltage Transformers, which have been developed especially for such service.

Reliability and safety are of the utmost importance in transformers of this kind, for the reason that a break-down is much more costly to remedy than a similar failure with ordinary 1100 to 2200 volt distributing transformers, and the property or personal safety of the consumer is thereby subject to greater risks.

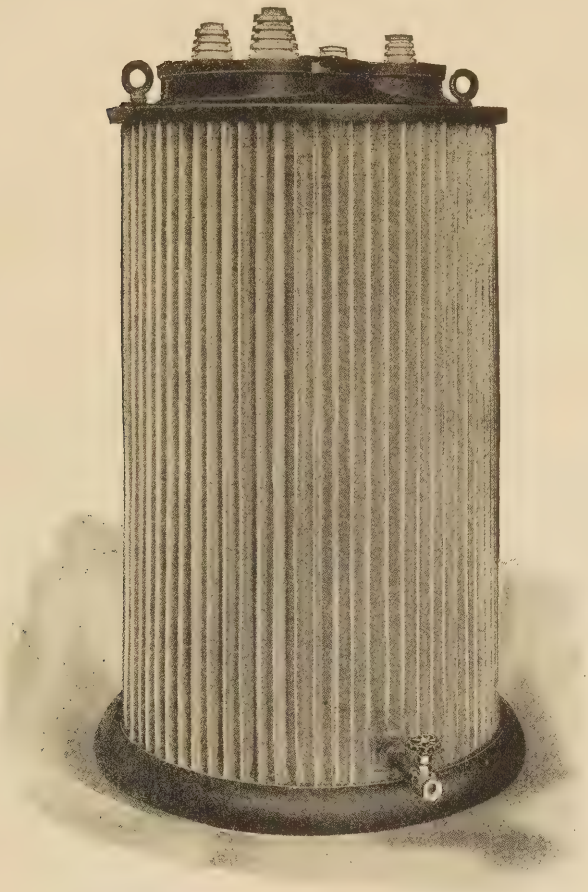
PITTSBURGH DESIGN.

These transformers are made in the Pittsburgh standard core type design which has proven to be the safest and most reliable construction for this work. The cases are cast iron, and are provided with hangers for cross-arm suspension. The high tension leads issue through massive fluted porcelain bushings which are set in the case at an angle of 30 degrees away from the case. Pittsburg Small High Voltage Transformers are as reliable and free from trouble as Pittsburgh 1100 to 2200 volt distributing transformers. Thousands are in constant operation free from interruption. These transformers need no protection from the weather and are, therefore, cheaply installed. Reasonable lightning protection and grounded secondaries provide perfect safety to the consumer.

Insulation of these transformers has been most carefully developed. Insulating materials are used in their full effective strength on the smoothly curved surfaces of Pittsburgh core type coils. Between the high voltage primary and low voltage secondary is a built-up shield of mica reinforced with specially treated material, the breakdown strength of which is in excess of the requirements of the A. I. E. E.

These transformers are designed to secure high operating efficiency. The New Pittsburgh Transformers are offered as the most reliable and efficient transformers for supplying consumers direct from high voltage transmission lines.

PITTSBURGH TRANSFORMERS.

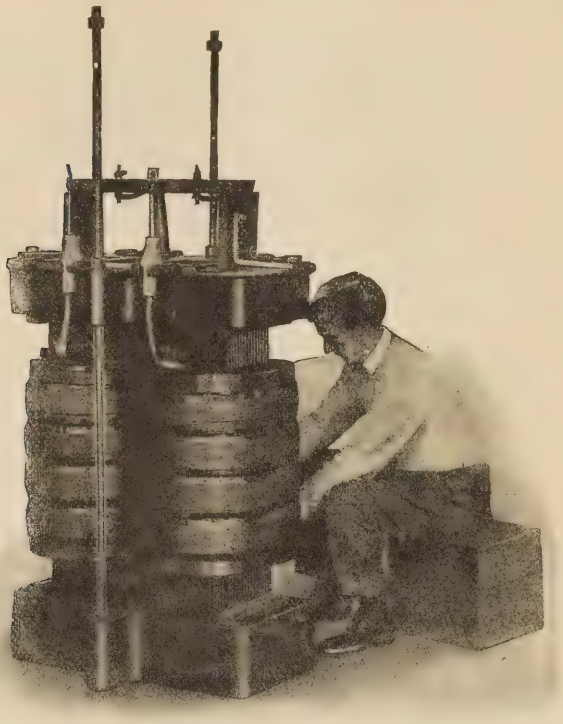


Pittsburgh Oil Insulated, Self-Cooled Transformer.

PITTSBURGH POWER TRANSFORMERS.

The self-cooled, oil insulated transformers operate without any external cooling means and are independent of fans, water circulating systems or other devices. The cases are designed with sufficient radiating surface to dissipate the heat which is generated within the transformer. They are thus adapted for operation where cooling water is not available, or where no attention can conveniently be given them.

PITTSBURGH TRANSFORMERS.



Pittsburgh Self-Cooled, Oil Insulated Transformer.

CORE TYPE.

Pittsburgh Self-Cooled, Oil Insulated Transformers are made in standard sizes up to 500 KVA capacity and are adapted to operate upon all commercial voltages and frequencies. The excellent electrical performance and rugged construction of these transformers are the results of many years' experience in the design and manufacture of transformers for high voltage power transmission. Pittsburgh Transformers are in continuous and successful operation upon various well-known transmission systems in all parts of the country.

CORE TYPE.

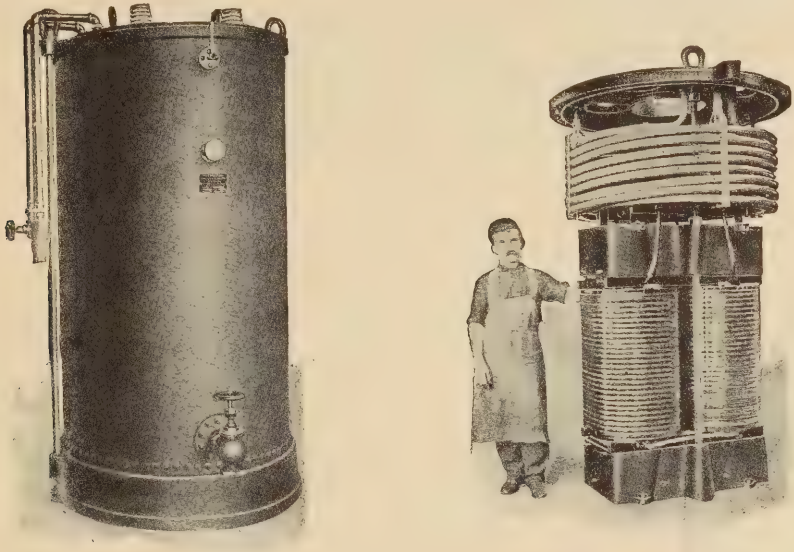
The company has manufactured power transformers both in the core type and shell type designs, and after careful study and comparison has adopted the core type, single magnetic circuit design exclusively, except in such special cases where it may be expedient to employ shell type construction.

PITTSBURGH TRANSFORMERS.

RELIABILITY.

Interruption to the power supply of the mills, stores or places of amusement of a community which is dependent upon transmission transformers is a serious matter. Reliability in transformers which serve such communities is, therefore, of the utmost importance.

The simplicity of Pittsburgh Core Type construction results in perfect workmanship and freedom from defect. Pittsburgh Core Type Power Transformers operate with the same reliability which characterizes the standard Service Transformers manufactured by this company.



Pittsburgh Oil Insulated, Water Cooled Transformers.

Are made in all sizes, and are also of the standard Pittsburgh Core Type construction. The cases are heavy boiler plate, thoroughly riveted and caulked.

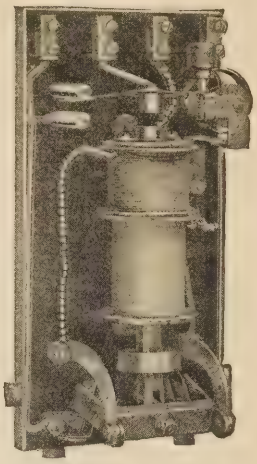
This tank is held between the cast iron top and the base, and all lifting strains are transmitted to the base by means of heavy steel eye bolts which thread into the same.

The cooling coils are of the best grade seamless copper tubing, thoroughly tested under pressure before shipment.

The company issues bulletins descriptive of the above lines of transformers, and intending purchasers will be supplied with special illustrations, photographs and blue prints, showing the apparatus which the company is prepared to supply to fill the customer's requirements.

EXCESS INDICATORS.

FOR LIMITED DEMAND CONTRACTS IN CONNECTION WITH OR WITHOUT METERS.



Residence lighting and small lighting business can be obtained by the use of Excess Indicators on a limited controlled basis without meters, with guaranteed returns of not less than $120 per kilowatt per year of actual station demand.

For larger stores, business may be secured by means of Excess Indicators, establishing a fixed charge per kilowatt of actual station demand, and charging for current used, at rates that may be determined upon in connection with meters.

Code Word.	List No.		List Price Each.
		TWO-WIRE ALTERNATING CURRENT.	
Zaganux	43785	10 Ampere	$12.00
Zaganuy	43786	25 Ampere	16.00
		TWO-WIRE DIRECT CURRENT.	
Zaganuz	43787	10 Ampere	13.00
Zagapa	43788	25 Ampere	17.00
		THREE-WIRE ALTERNATING CURRENT.	
Zagapab	43789	10 Ampere	13.00
Zagapac	43790	25 Ampere	17.00
		THREE-WIRE DIRECT CURRENT.	
Zagapad	43791	10 Ampere	14.00
Zagapaf	43792	25 Ampere	18.00

WESTINGHOUSE INTEGRATING WATTMETERS.

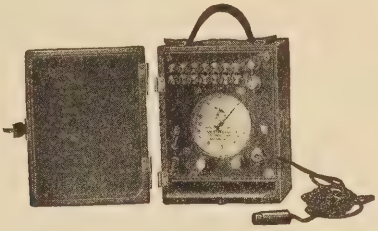
Metal Cover.

Glass Cover.

Polyphase.

Prepayment.

TYPE "C" HOUSE SERVICE. HOUSE SERVICE.



PORTABLE STANDARD.

Single Phase Switch Board.

Polyphase Switch Board.

TYPE "C" SWITCHBOARD SERVICE.

Westinghouse integrating wattmeters are made for every class of service, for any voltage and in all current capacities, both two-wire and three-wire single phase and for all polyphase connections. A large torque, obtained by a judicious distribution of windings, combined with a light moving element and bearings having very little friction, give extreme accuracy at all loads. The single phase meters for house service are made small and compact, the polyphase house service meter is accurate on two-phase or three-phase systems with balanced or unbalanced loads, the prepayment meter allows of advance payments, the portable standard wattmeter conforms to the most modern demands of the testing engineer and the switchboard wattmeters give the best results for this class of service. Every requirement of every class of service has been given due consideration.

The sealed meters are guaranteed to be accurate and will be repaired free of charge within one year from date of delivery when the seals are not broken and the meter has received proper care. Prices quoted on application,

WESTINGHOUSE WATTMETERS.

A. C. INTEGRATING—FOR HOUSE SERVICE—METAL CASE—TYPE "C" SINGLE PHASE— 25 AND 60 CYCLE—HOUSE SERVICE—TWO WIRE.

100 VOLTS.				200 VOLTS.			
Mfr. No.	Amperes.	K.W.	List Price Each.	Mfr. No.	Amperes.	K. W.	List Price Each.
57425D	5	0.5	$19.85	57434D	5	1	$24.00
57426D	10	1	22.25	57435D	10	2	28.60
117490	15	1.5	25.40	117494	15	3	32.55
57427D	20	2	28.60	57436D	20	4	36.20
117491	30	3	34.05	117495	30	6	42.00
57428D	40	4	38.80	57437D	40	8	46.75
117492	60	6	45.85	117496	60	12	53.80
57429D	80	8	52.95	57438D	80	16	60.85
117493	100	10	59.10	117497	100	20	67.05
57430D	120	12	63.05	57439D	120	24	71.25
57431D	200	20	77.80	57440D	200	40	86.45
82248A	300	30	87.30	82249A	300	60	97.90
57432D	400	40	91.05	57441D	400	80	103.00
57433D	800	80	105.85	57442D	800	160	123.50

TYPE "C" SINGLE PHASE. SWITCHBOARD SERVICE.

54798A	5	.5	61.75	54799A	5	1	61.75

TYPE "C" POLYPHASE. HOUSE SERVICE.

46755A	5	1	51.60	46764A	5	2	56.45
46756A	10	2	55.60	46765A	10	4	61.15
46757A	20	4	62.30	46766A	20	8	68.65
46758A	40	8	70.15	46767A	40	16	77.45
46759A	80	16	82.90	46768A	80	32	90.85
46760A	120	24	95.70	46769A	120	48	103.65
46761A	200	40	115.55	46770A	200	80	123.50
82273A	300	60	127.00	82274A	300	120	134.95
46762A	400	80	134.95	46771A	400	160	142.90
46763A	800	160	158.75	46772A	800	320	166.70

TYPE "C" POLYPHASE. SWITCHBOARD SERVICE.

54804A	5	1	88.00	54805A	5	2	88.00

WESTINGHOUSE SINGLE PHASE PREPAYMENT A. C. WATTMETERS.

33589	5	0.5	35.75	Not made for 220 volts.
33590	10	1	38.10	
33591	20	2	44.45	

(Illustrations of All These Wattmeters on Previous Page.)

WESTINGHOUSE TYPE "P" SINGLE PHASE INDICATING PORTABLE WATTMETERS.

100-200 VOLT.			200-400 VOLT.		
34417A	1 to 2 Amperes	140.00	34421A	1 to 2 Amperes	150.00
48332	2½ to 5 Amperes	140.00	48335	2½ to 5 Amperes	150.00
34418A	5 to 10 Amperes	140.00	34422A	5 to 10 Amperes	150.00

Transformers Are Not Necessary.

The 2½ to 5, and 5 to 10 ampere sizes with 100 to 200 volt windings, with voltage and series transformers, may be used on circuits of greater capacity.

All Indicating Wattmeters Designated as 100 Volt Are Constructed for 100 and 200 Volts. All 200 Volt for 200 and 400 Volt Service.

WESTINGHOUSE DIRECT CURRENT WATTMETER.

The latest type of Westinghouse direct-current integrating wattmeter is similar in outline and arrangement to the earlier practice. Modifications have been made, however, in electrical as well as mechanical design, which add materially to the efficiency of the meter.

To be sensitive at light loads and responsive to slight variations of load, a wattmeter must have a moving element that is light in weight, acted upon by a torque of considerable strength and supported by a bearing having little friction. Otherwise, the action is of necessity sluggish, and accuracy of calibration for any considerable period of service entirely out of the question. The use of an aluminum disc combined with the adoption of a thin, spherical shell of specially prepared paper for the armature core reduces the weight of the rotating part in the present instrument to the least amount consistent with mechanical strength, while the spherical form of armature cuts down the amount of idle wire in the winding and allows the field coils to be brought closer together, resulting in an increase of torque. Thus decreased weight and friction with increased torque and sensitiveness have been achieved without sacrificing the strength and simplicity in any way.

Continued accuracy of calibration demands that the initial friction, compensation for which can be easily made, be kept constant by using bearings little affected by wear. The bearing employed in Westinghouse direct-current wattmeters is an improved form of ball bearing, consisting of a 1-16-inch highly polished steel ball between two sapphire cup jewels. The lower jewel is spring mounted and the upper jewel, which is inverted, is mounted in a removable sleeve fitting on the base of the shaft. The friction of a bearing of this form is much less than that of any heretofore devised and is very nearly a constant factor, as the wear in service is exceedingly slight and evenly distributed.

The commutator and brush construction employed shows the careful attention which has been given to detail. To reduce the effect of friction at this point the commutator is made of small diameter and a new method of securing uniform brush tension is adopted. The brushes consist of small round wires placed side by side and held in position by an adjustable weight.

As a result the brush friction will be little affected by any irregularities or wear which may occur at the commutator. Both brushes and commutator segments are made of non-oxidizing material, and the contact resistance will be virtually constant.

The eddy current disc rotates between double sets of non-aging permanent magnets which are readily adjustable by means of screws for speed regulation. Ample provision is also made for light load adjustment, a coil being supplied for this purpose and securely clamped in position by a screw.

The case is made entirely of aluminum—light in weight, strong and durable. Special precautions have been taken to render it dust and moisture-proof. The cover is pressed from stiff aluminum plate and gives ample protection from mechanical injury. It is held in position by rods fitted with wing nuts and seals, and when removed is drawn off by a horizontal forward movement which permits the meter to be installed in close quarters, a decided advantage in many cases.

No lead wires enter the meter chamber proper. Well protected porcelain blocks mounted in the base plate enclose the terminals and complete the dust-proof construction.

WESTINGHOUSE
DIRECT CURRENT INTEGRATING WATTMETERS.

TWO-WIRE HOUSE SERVICE WATTMETERS.

100 VOLTS.

Code Word.	List No.	Mfr. No.	Amperes.	List Price, Each.
Zacomas	25193	67788	3	$28.70
Zacomat	25194	67789	5	28.70
Zacomav	25195	67790	7.5	29.65
Zacomaw	25196	67791	10	30.60
Zacomax	25197	67792	15	34.30
Zacomay	25198	67793	25	40.75
Zacomaz	25199	67794	50	53.70
Zacome	25200	67795	75	66.70
Zacomeb	25201	67796	100	78.70
Zacomec	25202	72705	150	101.85
Zacomed	25203	72706	200	111.15
Zacomef	25204	72707	300	129.65
Zacomeg	25205	72708	450	157.45
Zacomeh	25206	72709	600	185.20

200 VOLTS.

Zacomek	25207	67797	3	32.45
Zacomel	25208	67798	5	32.45
Zacomem	25209	67799	7.5	34.75
Zacomen	25210	67801	10	37.05
Zacomep	25211	67802	15	43.55
Zacomer	25212	67803	25	50.00
Zacomes	25213	67804	50	63.45
Zacomet	25214	67805	75	76.85
Zacomev	25215	67806	100	90.30
Zacomew	25216	72710	150	115.80
Zacomex	25217	72711	200	126.55
Zacomey	25218	72712	300	148.15
Zacomez	25219	72713	450	178.25
Zacomi	25220	72714	600	208.35

500 VOLTS.

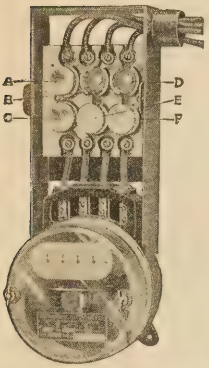
Zacomib	25221	72715	3	41.70
Zacomic	25222	72716	5	41.70
Zacomid	25223	72717	7.5	44.95
Zacomif	25224	72718	10	48.15
Zacomig	25225	72719	15	55.60
Zacomih	25226	72720	25	64.85
Zacomik	25227	72721	50	78.70
Zacomil	25228	72722	75	92.60
Zacomim	25229	72723	100	106.50
Zacomin	25230	72724	150	134.30
Zacomip	25231	72725	200	148.35
Zacomir	25232	72726	300	175.95
Zacomis	25233	72727	450	208.35
Zacomit	25234	72728	600	240.75

THREE-WIRE HOUSE SERVICE WATTMETERS.

The nominal rated voltage of these meters is 100 volts between each outside wire and the neutral, or 200 volts maximum. Rated current capacity is the capacity in amperes in one outside wire.

Zacomiv	25235	47472	3	32.45
Zacomiw	25236	47473	5	32.45
Zacomix	25237	47474	7.5	34.75
Zacomiy	25238	48160	10	37.05
Zacomiz	25239	48161	15	43.55
Zacomob	25240	48162	25	50.00
Zacomoc	25241	48174	50	65.75
Zacomod	25242	48175	75	81.50
Zacomof	25243	48176	100	97.25
Zacomog	25244	72729	150	125.00
Zacomoh	25245	72730	200	140.75
Zacomok	25246	72731	300	171.30

Direct Current Wattmeters are not supplied with glass case.



No. 1

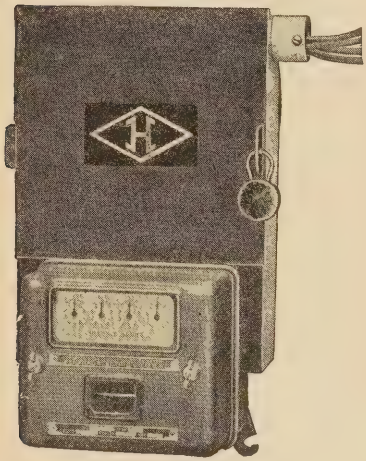
Type A Blocks for Induction Meters Under 30-Amperes Capacity

Type A Meter Connection Blocks consist of a terminal block and a metal cabinet.

The terminal block is enclosed in the metal cabinet which has knock-out holes that allow conduit to enter from any desired side.

The cabinet, when the cover is in place, so encloses the meter that it is necessary to break a seal to expose either the terminals or connecting wires.

This feature prevents theft of current as ordinarily practiced.



No. 3

The terminal block is an approved cut-out for Edison plug fuses and is arranged so that any desired test connections to the meter may be made by means of test plugs and cords, and the test made without interrupting the customer's use of current.

This practice materially reduces the time used in testing meters and allows the test to be made without removing the cover of the meter.

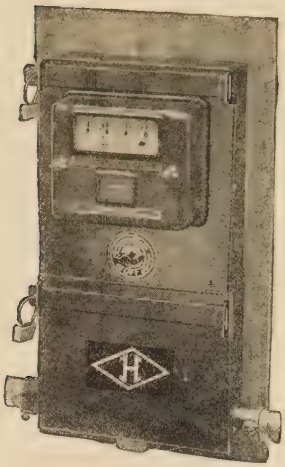
If it is necessary to remove the meter at any time a disconnected service strap may be placed in the open end of the cabinet and locked in place by the sealed cover protecting the service wires from either use or abuse.

No. 5.

LIST PRICES

250 Volt. Discounts on Application

Code Word	List No.	Description	List Price Each
Moral	1	Type A Block for Type C Westinghouse Meters	$5.00
Morbid	2	Type A Block for Type B Westinghouse Meters	5.00
More	3	Type A Block for Type I Gen. Electric Meters	5.00
Morose	4	Type A Block for Type K Fort Wayne Meters	5.00
Mortar	5	Type A Block for Type KI Fort Wayne Meters	5.00
Morphia	6	Disconnected Service Strap (for any specified type of meter)	.50



No. 8 with Switch

METER CONNECTION BLOCKS, TYPE E BLOCKS

30-Amperes Capacity with Service Switch. 50-Amperes Capacity without Service Switch.

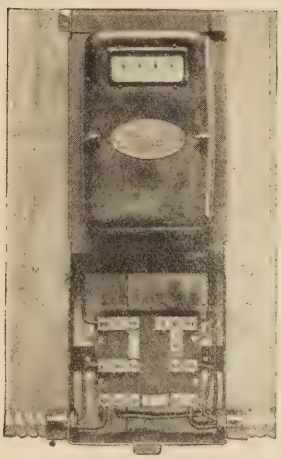
Type E Meter Connection Blocks consist of a terminal block and a metal cabinet composed of two elements,—one to enclose the block and the other the meter.

The trim that encloses the meter can be removed without disturbing the connection block or the service wires, and another standard type of meter can be put into service and securely enclosed by the use of the proper trim.

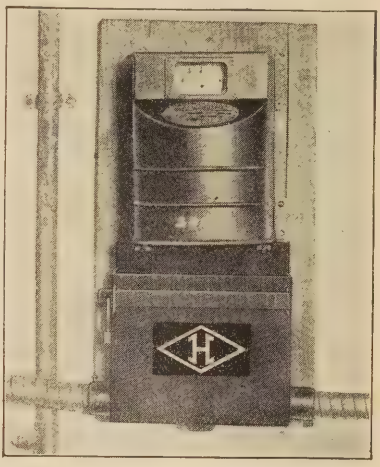
Type E Blocks can be furnished with a 30-amp. snap switch, and when this arrangement is used no other service switch is required.

Disconnecting service straps are also made for E Boxes. In the event of the customer's service being discontinued the meter and trim are removed, disconnected service strap inserted and the service wires remain alive in an approved fuse block where it is impossible to tamper with them except by breaking the seal of cabinet.

Type E Blocks can be furnished without service switches for two-wire meters up to 50 amperes capacity, the terminal block being as shown in cut No. 9 with C-6 General Electric meters.



No. 9 50-Amp. 2-Wire

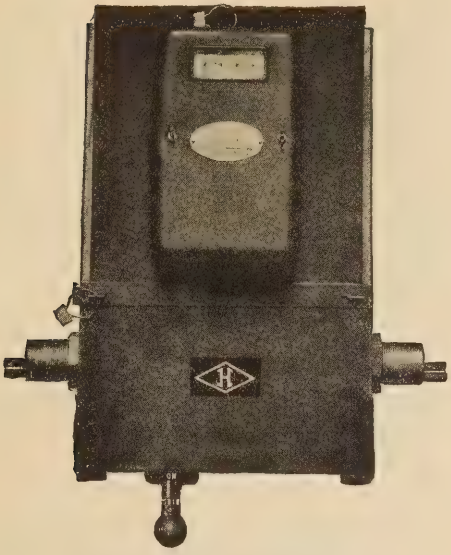


No. 7 Without Switch

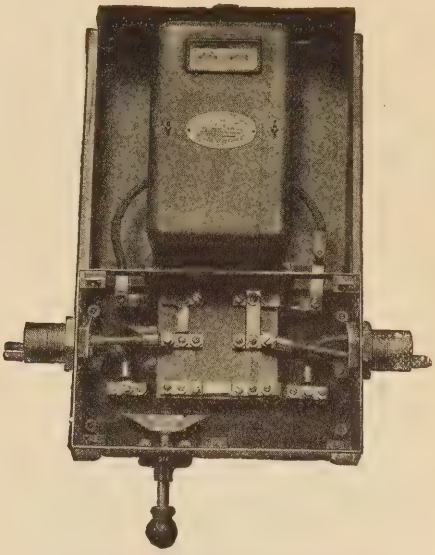
LIST PRICES

250 Volts Discounts on Application

Code Word	List No.	Description	List Price each
Mab	7	30- amp. Type E Boxes for use with any meter when supplied with proper trim	$5.00
Macadamize	8	30-amp. Type E Boxes for use with any meter when supplied with proper trim, equipped with service switch	6.00
Macaroni	9	50-amp. Type E Boxes, two-wire, for use with any meter when supplied with proper trim	6.00
Macaroon	10	E Trim for C-6 G E Meters	1.50
Macaw	11	E Trim for I G E Meters	1.25
Mace	12	E Trim for A, B, or C Westinghouse Meters	1.40
Macerate	13	E Trim for Polyphase Meters	1.50
Machiavelian	14	E Trim for J-TRW	1.10
Machinate	15	Disconnecting Service Strap for E Boxes	.50



150 Amp. Type F Block and Switch with Type C-6 G E Meter [cover sealed in place] No. 35



150 Amp. Type F Block and Switch with Type C-6 G E Meter [cover removed] No. 35 A

Type F Blocks for Two-wire Meters

Type F Blocks consist of two elements:—a terminal block with its enclosing box, and the meter trim. The terminal block and box are standard for all types of meters. A meter trim is provided for each type of meter and by its use it is possible to readily substitute one make or type of meter for another without interfering with the service connections or interrupting the customer's use of current.

This block is arranged so as to permit either one or both sides of a two-wire circuit being fused, and can be furnished to include a switch that may be operated without exposing any line or load wires or meter terminals.

Nos. 30 and 30A illustrate the arrangement of 600 ampere blocks and show how a Type J meter may be substituted for a Type C-6 or vice versa.

Nos. 35 and 35A illustrate a 150 ampere block and box equipped with indicating service switch. This may be furnished for either 250 or 500 volts.

LIST PRICES

250 Volt — Discounts on Application

Code Word	No.	Catalogue Description	List Price
Madonna	28	150-amp Type F Block 250 Volts	$19.00
Madrigal	29	300-amp " " "	25.00
Madalink	30	600-amp " " "	26.00
Magazine	31	Type C-6 Trim for F Block	8.00
Maggot	32	" J " " "	6.00
Magic	33	" I " " "	6.00
Magical	34	" C Westinghouse	7.00
Magnate	35	150 Type F Block with Switch as Illus.	33.00
Magnet	36	300 Type F " " "	44.00
Magnetic	37	150-amp Type F Block for 500V with [switch	45.00

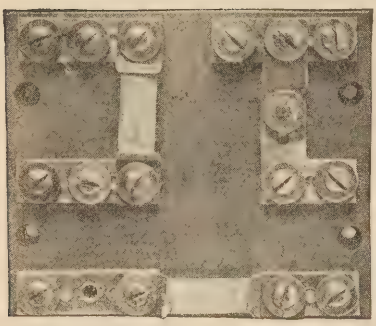
No. 38.

To meet the demand for terminal blocks independent of protection device we are prepared to furnish the 30 and 50 amp. blocks as supplied with the A. & E. meter connection blocks.

PORCELAIN BLOCK

This element, consisting of a special porcelain terminal block as shown in No. 38, is provided with six receptacles, four of which are of standard construction to receive regular Edison Fuse Plugs and two of special construction having a centre pin which prevents the use of a regular type fuse plug, but permits the use of special testing plugs of the type shown in No. 40, this plug being provided with terminals to which test cord shown in No. 41 may be attached.

As this block is a cross-connecting board that permits the meter being connected for any desired form of test by means of screw plug connections, certain of the shells and center studs of the various receptacles are permanently interconnected by means of connecting straps concealed in the porcelain base indicated in light lines in the representations of the block on the wiring diagrams.



No. 39

CONNECTION PLUGS

The connection plug shown in No. 40 is provided with hollow cores permitting it to be inserted in the receptacles of the block including those equipped with center pins. Two forms of plugs are employed, these being known as fuse plugs and test plugs. The fuse plugs are intended to protect the service and test circuits against accidental short circuits during test. The test plugs are used to make connection between the measuring coils of the testing and service meters, and are provided with terminals to receive test cords as shown in No. 41. In testing, it is necessary to connect the center contacts and shells of certain receptacles, and at the same time, take off current from these points by means of test cords shown in No. 41. For this purpose three of the test plugs in each set are made in the short circuited type having a permanent connection between their two contacts.

No. 40

No. 41

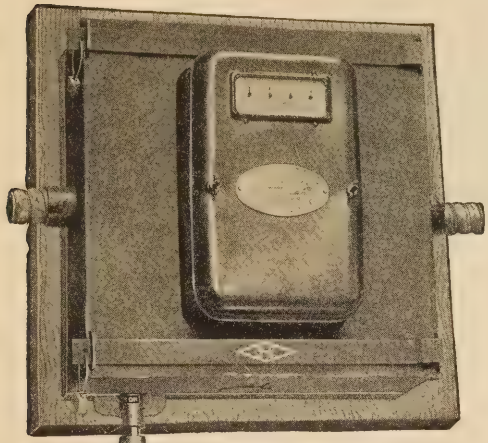
EDISON FUSE PLUG

The standard Edison Fuse Plug is shown at the bottom of No. 38 and should be of the proper capacity to protect the service. It will be noted in the wiring diagrams that both the customer's circuit and test circuit are protected by fuses against short circuits and that the test block acts as a standard fuse block under the regular service conditions.

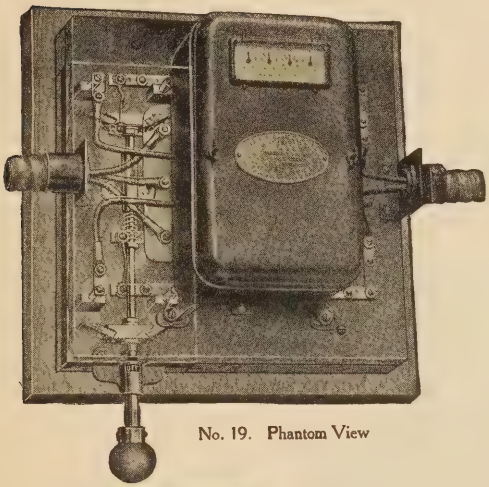
LIST PRICES

250 Volt. Discounts on Application

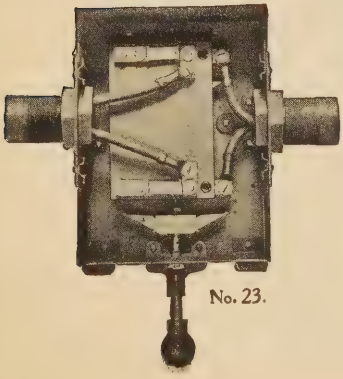
Code Word	List No.	Description	List Price
Magnitye	38	30-Amp. Porcelain Terminal Block	$2.75
Magnify	39	50-Amp. Slate Terminal Block	3.50
Magnifier	40	30-Amp. Special Test Plugs, 6 in set each	1.00
Magnil	41	30-Amp. Test Cords, 5 in set each	.50
Magniller	42	30-Amp. Branch Blocks, to facilitate multiple meter connection	.50



No. 19



No. 19. Phantom View



No. 23.

Type B Blocks for Three-Wire Meters

Type B Blocks are designed to facilitate the mounting, connection and test of three-wire meters from 50 to 300 amperes capacity. They are manufactured in three sizes, 50, 150 and 300 amperes.

The block consists of a slate panel supplied with the necessary connections for line and load wires, meter terminals and supports for the meter.

The construction of the enclosing cabinet is such that when the seal is broken the entire cabinet, both cover and sides, may be removed without disturbing the conduit or meter supports, or any of the electrical connections.

When the cabinet has been removed all of the meter and test connections are readily accessible. The construction of this block permits the meter with its fuse, switch, and terminal connections being mounted in the space ordinarily occupied by the meter, while, at the same time, making provision for the ready test, removal or replacement of the meter without interfering with the customer's use of current.

The switch illustrated in No. 19 complies with all National Code requirements. Its design is such that it may be operated by the customer without breaking a seal, and as it becomes a part of the test circuit when the meter is connected for test, it offers advantages not found in any other type of service switch.

The fused indicating service switch illustrated in No. 23 may be operated by the customer without exposing an electrical connection. An unique arrangement permits a reversal of the fuse block so that the switch is protected by the fuse without necessitating the crossing of line and load wires.

LIST PRICES

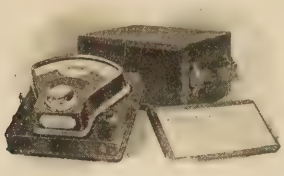
250 Volt. Discounts on Application

Code Word	No.	Description	List Price Ea.
Machine	16	50-Amp. Type B Block	$15.50
Machinery	17	150-Amp. " " "	19.00
Machinist	18	300-Amp. " " "	25.00
Mackerel	19	50-Amp. Type B Block and Switch	29.00
Maculate	20	150-Amp. " " " " "	33.00
Mad	21	300-Amp. " " " " "	44.00
Madden	22	50-Amp. Independent Switches	18.00
Madeira	23	150-Amp. " "	20.00
Madhouse	24	300-Amp. " "	31.00
Madly	25	Extra Covers for 50-Amp. Block	2.00
Madman	26	" " " 150-Amp. "	2.25
Madness	27	" " " 300-Amp. "	2.50

WESTON INSTRUMENTS.

STANDARD PORTABLE VOLTMETER, MODEL 1.

For Direct Current.



No. 50242.

Code Word.	List No.	Mfr. No.	Range in Volts.	No. of Scale Divisions.	Value of Each Scale Division in Volts.	Readable to	Attachments.	List Price, Each.
Zabepal	50242	1	150	150	1	1/10 of a volt	.....	$55.00
Zabepam	50243	2	150	150	1	1/10 of a volt	Contact Key	57.50
Zabepan	50244	3	150	150	1	1/10 of a volt	Contact Key	75.00
			5		1/30	1/300 of a volt		
Zabepap	50245	3½	150	150	1	1/10 of a volt	Contact Key	75.00
			3		1/50	1/500 of a volt		
Zabepar	50246	4	150	150	1	1/10 of a volt	Contact Key	75.00
			15		1/10	1/100 of a volt		
Zabepas	50247	4½	300	150	2	1/5 of a volt	Contact Key	77.50
			150		1	1/10 of a volt		
Zabepat	50248	5	300	150	2	1/5 of a volt	Contact Key	65.00
Zabepav	50249	6	450	150	3	1/3 of a volt	Contact Key	65.00
Zabepaw	50250	7	600	120	5	1/2 of a volt	Contact Key	65.00
Zabepax	50251	9	600	150	4	1/2 of a volt	Contact Key	80.00
			150		1	1/10 of a volt		
Zabepaz	50252	9½	750	150	5	1/2 of a volt	Contact Key	80.00
			150		1	1/10 of a volt		
Zabepe	50253	10	600	150	4	1/2 of a volt	Contact Key	80.00
			300		2	1/5 of a volt		
Zabepeb	50254	11	750	150	5	1/2 of a volt	Contact Key	70.00
Zabeped	50255	Any of the above with Reversing Key (revolt), extra.....						2.50

(When Reversing Key is applied Contact Key is omitted.)

Prices for instruments with ranges other than those listed will be the same as for those of the next higher range.

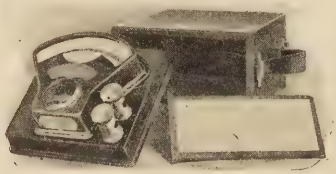
INSPECTOR'S STYLE.

To list prices of voltmeters above add amounts given below.

Zadacan	26676	1	Complete with flexible cords.....	4.00
Zadacap	26677	2	Complete with flexible cords and compartment for same	5.00
Zadacar	26678	3	Case contains compartment with set of four lamp adapters and flexible conducting cords.....	10.00

STANDARD PORTABLE AMMETER, MODEL 1.

For Direct Current.



No. 50231.

			Range in Amperes.	Number of Scale Divisions.	Value of Each Scale Division in Amperes.	Readable to.	
Zabenuv	50231	1	5	100	1/20	1/200 of an ampere	65.00
Zabenuw	50232	2	15	150	1/10	1/100 of an ampere	65.00
Zabenux	50233	3	25	100	1/4	1/40 of an ampere	65.00
Zabenuz	50234	4	50	100	1/2	1/20 of an ampere	65.00
Zabepa	50235	5	100	100	1	1/10 of an ampere	70.00
Zabepab	50236	6	150	150	1	1/10 of an ampere	75.00
Zabepad	50237	7	200	100	2	1/5 of an ampere	80.00
Zabepaf	50238	8	250	125	2	1/5 of an ampere	80.00
Zabepag	50239	9	300	150	2	1/5 of an ampere	80.00
Zabepah	50240	10	400	80	5	1/2 of an ampere	90.00
Zabepak	50241	11	500	100	5	1/2 of an ampere	90.00

WESTON INSTRUMENTS.

STANDARD PORTABLE DIRECT READING MIL-AMMETERS, MODEL 1.

No. 50225.

Code Word.	List No.	Mfr. No.	Range in Mil-Amperes.	Number of Scale Divisions.	Value of Each Scale Division in Mil-amperes.	Readable to	List Price, Each.
Zabenuk	50223	0	150	150	1	1-10 of a mil-ampere	$50.00
Zabenul	50224	1	300	150	2	⅕ of a mil-ampere	50.00
Zabenum	50225	2	600	150	4	⅖ of a mil-ampere	50.00
Zabenun	50226	3	1000	100	10	1 mil-ampere	50.00
Zabenup	50227	4	1500	150	10	1 mil-ampere	55.00

DOUBLE-SCALE MIL-AMMETERS.

Zabenur	50228	5	500 50	100	5 ½	1-20 of a mil-ampere	60.00
Zabenus	50229	6	500 10	100	5 1-10	1-100 of a mil-ampere	60.00
Zabenut	50230	7	Same range and capacity as No. 6, but is supplied with a small resistance box or multiplier, having two coils. When this is connected in series with the instrument binding-posts marked 10, the lower scale may be read directly in volts, a full scale deflection being secured with 10 or 100 volts, according to the coil of the multiplier used				75.00

STANDARD PORTABLE MILLI-VOLTMETERS, MODEL 1.

No. 50258.

Zabepeh	50258	1	Range, 0 to 20 milli-volts, 100 divisions, each representing 2 of a milli-volt, readable to .02 of a milli-volt	50.00
Zabepek	50259	2	Range, 10 to 0 to 10 milli-volts, zero center, 100 divisions, each representing .2 of a milli-volt, readable to .02 of a milli-volt	50.00
Zabepel	50260	3	Double range, 10 to 0 to 10 and 100 to 0 to 100 milli-volts, zero center, 100 divisions, supplied with contact key, by the use of which either range may be employed	55.00
Zabepem	50261	4	Double range, 0 to 20 and 0 to 200 milli-volts, 3 binding-posts, 100 divisions, each representing either .2 of a milli-volt or 2 milli-volts, according to range used	55.00

These instruments may be arranged for use with alloy shunts for ampere measurements at an additional cost of 5.00.

WESTON INSTRUMENTS.

PORTABLE VOLTMETERS, MODEL 45.

For Direct Current.

No. 50203.

Code Word.	List No.	Range in Volts.	Value of Each Scale Division in Volts.	List Price, Each.
Zabenob	50200	0 to 3	.02	$25.00
Zabenod	50201	0 to 5	.05	25.00
Zabenof	50202	0 to 15	.1	25.00
Zabenog	50203	0 to 150	1.	29.50
Zabenoh	50204	0 to 300	2.	32.50
Zabenok	50205	0 to 600	5.	35.00
Zabenol	50206	0 to 750	5.	37.00

Double-scale voltmeters in this type will be furnished, when desired, at the price of $5.00 additional to the list price for the highest range.

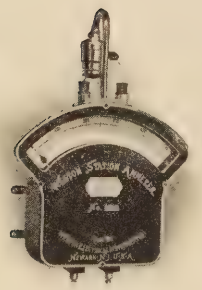
PORTABLE AMMETER, MODEL 45.

For Direct Current.

(These instruments consist of milli-voltmeters adjusted with external station type shunts to read direct in amperes for all ranges above 25 amperes.)

		Range in Amperes.	Value of Each Scale Division in Amperes.	
Zabenom	50207	0 to 5	.05	25.00
Zabenon	50208	0 to 15	.1	25.00
Zabenop	50209	0 to 25	.2	25.00
Zabenor	50210	0 to 50	.5	25.50
Zabenos	50211	0 to 100	1.	26.50
Zabenot	50212	0 to 150	1.	27.00
Zabenov	50213	0 to 200	2.	28.00
Zabenow	50214	0 to 250	2.	28.25
Zabenox	50215	0 to 300	2.	28.25
Zabenoz	50216	0 to 400	5.	28.50
Zabenu	50217	0 to 500	5.	29.50

Ammeters of higher range than 500 amperes can be furnished to order. Prices on application.



No. 50266.

ILLUMINATED DIAL STATION AMMETERS, MODEL 9.

For Direct Current.

Zabepen	50262	200	2	59.50
Zabepep	50263	250	2	59.50
Zabeper	50264	300	2	59.75
Zabepes	50265	400	5	60.00
Zabepet	50266	500	5	61.00
Zabepev	50267	600	5	62.00
Zabepew	50268	750	5	63.00
Zabepex	50269	1000	10	64.00
Zabepez	50270	1200	10	65.00
Zabepi	50271	1500	10	70.75
Zabepib	50272	2000	20	75.25
Zabepid	50273	2500	20	76.75

In placing order please give style of lamp socket desired.

These prices are for No. 2 finish (dead black japan with nickel trimmings). For No. 3 finish (all nickel-plated), add $2.50.

ILLUMINATED DIAL STATION VOLTMETERS, MODEL 9.

		Range in Volts.	Value of Each Scale. Division in Volts.		
Zabepif	50274	0 to 85	1	.....	55.00
Zabepig	50275	0 to 100	1	.....	56.00
Zabepih	50276	0 to 125	1	.....	58.00
Zabepik	50277	0 to 135	1	.....	60.00
Zabepil	50278	0 to 150	1	.....	62.00
Zabepim	50279	0 to 250	2	.....	64.00
Zabepin	50280	0 to 300	2	.....	66.00

These prices are for No. 2 finish, dead black japan with nickel trimmings. For No. 3 finish, all nickel-plated, add $2.50.

In placing order please give style of lamp socket desired.

The instruments listed above are furnished both in regular and flush styles, and for connection at either front or rear of switchboard at same list price. Unless otherwise ordered we will furnish regular style for front connection.

WESTON INSTRUMENTS.

ALTERNATING CURRENT PORTABLE INSTRUMENTS. MODEL 155.

These instruments are absolutely "dead-beat," and are thoroughly reliable instruments, admirably adapted for the purposes for which they are intended.

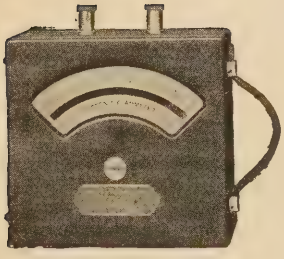
They are vastly superior to any other form of portable alternating-current instruments of the same class or type. The prices are very low for such excellent instruments.

They possess the merit of being capable of use on either direct or alternating current circuits, where necessarily their lower internal resistance than that of the regular Weston direct voltmeters does not constitute an objection nor introduce sensible error in the indications; and where the practically absolute uniform scale divisions of the Weston direct-current instruments are not needed.

Multipliers for this model are the same price as for Model 18 of corresponding ranges.

VOLTMETERS.

Code Word.	List No.	Range.	List Price Each.
Zafakek	33682	75 volts	$18.50
Zafakel	33683	125 volts	18.50
Zafakem	33684	150 volts	18.75
Zafaken	33685	300 volts	22.50
Zafakep	33686	500 volts	26.50
Zafaker	33687	600 volts	27.50
Zafakes	33688	750 volts	30.00



AMMETERS.

Zafaket	33689	1 ampere	17.75
Zafakev	33690	2 amperes	17.50
Zafakew	33691	3 amperes	17.00
Zafakex	33692	5 amperes	17.00
Zafakey	33693	10 amperes	17.00
Zafakez	33694	15 amperes	17.00
Zafaki	33695	25 amperes	17.00
Zafakib	33696	50 amperes	17.50
Zafakic	33697	75 amperes	17.50
Zafakid	33698	100 amperes	17.50
Zafakif	33699	150 amperes	18.00
Zafakig	33700	200 amperes	18.50
Zafakih	33701	250 amperes	18.75
Zafakik	33702	300 amperes	19.00
Zafakil	33703	400 amperes	21.00
Zafakim	33704	500 amperes	23.00

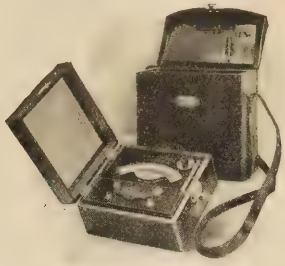
MILLI-AMMETERS.

Zafakin	33705	75 milli-amperes	17.75
Zafakip	33706	150 milli-amperes	17.75
Zafakir	33707	250 milli-amperes	17.75
Zacolan	7171	500 milli-amperes	17.75
Zacolap	5346	750 milli-amperes	17.75

WESTON INSTRUMENTS.

STANDARD PORTABLE DIRECT-READING VOLTMETERS, MODEL 18.

For Alternating and Direct Current.



Code Word.	List No.	Mfr. No.	Ranges in Volts.	Best Range in Volts.	Value of Each Scale Division in Best Range Volt.	Within Best Range Readable to Volt.	List Price Each.
Zadacas	26679	1	1.5 to 7.5	2.5 to 6.5	1/20	1/200	$60.00
Zadacat	26680	2	1.5 to 10	4 to 9	1/10	1/100	60.00
Zadacav	26681	3	2 to 12	5 to 11	1/10	1/100	60.00
Zadacaw	26682	4	3 to 15	5.5 to 12	1/10	1/100	60.00
Zadacax	26683	5	3 to 20	7 to 18	1/5	1/50	60.00
Zadacay	26684	6	10 to 60	25 to 55	1/2	1/20	60.00
Zadacaz	26685	7	15 to 75	30 to 65	1/2	1/20	60.00
Zadace	26686	8	20 to 120	50 to 110	1	1/10	65.00
Zadaceb	26687	9	30 to 150	70 to 125	1	1/10	67.50
Zadacec	26688	10	60 to 300	140 to 250	2	1/5	70.00
Zadaced	26689	11	100 to 600	250 to 550	5	1/2	80.00

High-range voltmeters in which part of the resistance is contained in a separate box called a "Multiplier," specially designed to obtain high insulation.

Zadacef	26690	12	200 to 1200	500 to 1100	10	1	90.00
Zadaceg	26691	13	300 to 1500	700 to 1250	10	1	97.50
Zadaceh	26692	14	400 to 2400	1000 to 2200	20	2	100.00
Zadacek	26693	15	600 to 3000	1400 to 2500	20	2	110.00

DOUBLE RANGE INSTRUMENTS, MODEL 18.

Zaculix	8633	16	3 to 15 1.5 to 7.5	5.5 to 12 2.5 to 6.5	1/10 1/20	1/100 1/200	$70.00
Zaculiy	8634	17	3 to 20 1.5 to 10	7 to 18 4 to 9	1/10 1/20	1/100 1/200	70.00
Zaculiz	8635	18	20 to 120 10 to 60	50 to 110 25 to 55	1 1/2	1/10 1/20	70.00
Zaculo	8636	19	30 to 150 15 to 75	70 to 125 35 to 63	1 1/2	1/10 1/20	75.00
Zaculob	8637	20	30 to 200 15 to 100	70 to 180 35 to 65	2 1	1/5 1/10	75.00
Zaculoc	8638	21	60 to 300 30 to 150	140 to 250 70 to 125	2 1	1/5 1/10	80.00
Zaculod	8639	21½	120 to 600 30 to 150	280 to 500 70 to 125	4 1	2/5 1/10	85.00
Zaculof	8640	22	120 to 600 60 to 300	280 to 500 140 to 250	4 2	2/5 1/5	90.00

INSPECTOR'S STYLE PORTABLE VOLTMETERS.

For the greater convenience of inspectors we furnish instruments of this style with any range in an "Inspector's Box."

Zabenub	50218	1	Inspector's style has an additional compartment for flexible connecting cord. Price, additional to price of voltmeter 2.50
Zabenud	50219	2	Inspector's style, same as above, but with four lamp adapters and flexible cord with connecting plug. Price, additional to price of voltmeter..... 7.50
Zabenuf	50220		Single lamp adapter, if ordered separately..... 1.25

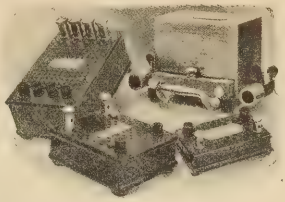
WESTON INSTRUMENTS.

STANDARD PORTABLE MILLI-VOLTMETERS, MODEL 1.

With Shunts for Ampere Measurements.

Direct Current.

Model 1, Milli-Voltmeter.



Special Alloy Shunts.

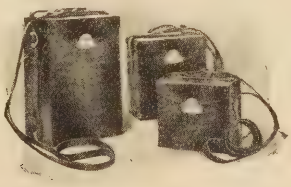
Code Word.	List No.		List Price, Each.
Zabesin	50465	Portable standard milli-voltmeter	$50.00

Extra Shunts.

Shunts with Single Range.		Range Amperes.	Price.	Shunts with Two Ranges Combined in One Case.	Range Amperes.	Price.	Shunts with Three or More Ranges Combined in One Case.	Range Amperes.	Price.
Zabesep	50443	1	10.00	Zabesoh	5- 1	20.00	Zabesur	15-3-0.75	30.00
Zabeser	50444	3	12.50	Zabesok	10- 1	22.50	Zabesus	15-3-1.5	30.00
Zabeses	50445	5	15.00	Zabesol	15-1.5	25.00	Zabesut	30-15-1.5	35.00
Zabeset	50446	10	15.00	Zabesom	15- 3	25.00	Zabesuv	30-15-3	35.00
Zabesev	50447	15	15.00	Zabeson	30- 3	25.00	Zabesuw	30-15-7.5-1.5	47.50
Zabesew	50448	25	17.50	Zabesop	40- 4	27.50	Zabesux	50-5-0.5	40.00
Zabesex	50449	30	20.00	Zabesor	50- 5	30.00	Zabesuz	50-10-1	40.00
Zabesez	50450	50	22.50	Zabesos	75- 15	35.00	Zabeta	50-20-5-0.5	55.00
Zabesi	50451	75	25.00	Zabesot	100- 10	40.00	Zabetab	75-15-1.5	42.50
Zabesib	50452	100	30.00	Zabesov	150- 15	42.50	Zabetad	100-10-1	45.00
Zabesid	50453	150	32.50	Zabesow	150- 30	45.00	Zabetaf	100-20-2	45.00
Zabesif	50454	200	35.00	Zabesox	200- 20	47.50	Zabetag	100-50-20-2	60.00
Zabesig	50455	250	37.50	Zabesoz	300- 15	52.50	Zabetah	100-50-20-10-5-1	70.00
Zabesih	50456	300	40.00	Zabesu	300- 30	55.00	Zabetak	150-15-1.5	50.00
Zabesik	50457	400	45.00	Zabesub	300-150	60.00	Zabetal	150-15-1.5-.15	60.00
Zabesil	50458	500	50.00	Zabesud	400- 40	60.00	Zabetam	150-75-15	55.00
Zabesim	50459	600	55.00	Zabesuf	400-200	65.00	Zabetan	150-75-15-1.5	65.00
Zabesin	50460	750	60.00	Zabesug	500- 50	62.50	Zabetap	150-75-15-1.5-0.75	70.00
Zabesip	50461	800	65.00	Zabesuh	500-100	65.00	Zabetar	200-20-2	55.00
Zabesir	50462	1000	80.00	Zabesuk	500-200	65.00	Zabetas	200-100-10	60.00
Zabesis	50463	1500	130.00	Zabesul	600- 60	65.00	Zabetat	300-15-1.5	60.00
Zabesit	50464	2000	175.00	Zabesum	600-300	80.00	Zabetav	300-30-3	60.00
				Zabesun	750-300	90.00	Zabetaw	300-75-15	65.00
				Zabesup	1000-500	140.00			

Above prices include adjustment between milli-voltmeters and shunts.

LEATHER CASES.



Zabesiw	50466	Cases made for portable voltmeters, Nos. 1 to 12, inclusive*	4.00
Zabesix	50467	Cases made for inspector's style	4.00
Zabesiz	50468	Cases made for portable mil-ammeter*	4.00
Zabeso	50469	Cases made for portable ammeter, Nos. 1 to 7, inclusive*	4.00
Zabesob	50470	Cases made for portable ammeter, Nos. 8 and 9	4.00
Zabesod	50471	Cases made for portable ammeter, Nos. 10 and 11	4.00
Zabesof	50472	Cases made for portable milli-voltmeter, Nos. 1 to 4, inclusive*	4.00
Zabesog	50473	Cases made for portable alternating current voltmeter†	4.00

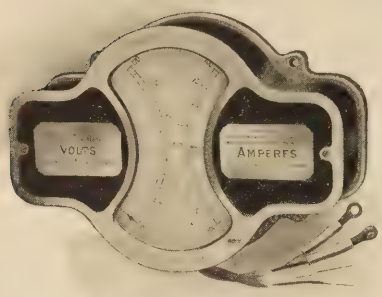
*When ordered with new instrument in place of wooden case the price will be 3.50 instead of 4.00.

†This case is furnished without charge with each new alternating-current voltmeter.

WESTON INSTRUMENTS.

DUPLEX INSTRUMENTS, MODEL 38 AND MODEL 39.

For Direct Current.



Model No. 39.

These instruments are called "duplex" because they consist of a voltmeter and an ammeter combined in one case. For some purposes this type will be found preferable to two separate instruments. In many cases where practically simultaneous readings of current and potential are to be made, they will be found more convenient on account of the proximity of the scales and indices. They have the decided advantage of occupying much less space than two separate instruments of the same capacity.

Two styles are supplied, designated as Model 38 and Model 39.

Model 39 has a well designed and carefully finished aluminum case, which closely surrounds the operative parts. The use of an aluminum case secures minimum weight as well as much smaller size than is possible with model 38, and the case is practically waterproof, this model is well adapted for use where accidental exposure to the weather or to dampness would be likely to occur.

This instrument was originally designed for automobile service, and extreme care has been taken in its construction to enable it to stand without injury the constant vibration to which such instruments are subjected when used on vehicles.

The dimensions and weight of this model are as follows: Length, 9½ inches; width, 7 inches; height (or depth), 3¼ inches; weight (without shunt), 8 pounds.

MODEL 38.

The interior parts of this model are similar to those used in Model 39, but the scale and pointer are larger. The case is made of cast iron, is not waterproof, and does not closely surround the working parts of the instrument. The difference in the size of the case and the material of which it is made necessarily makes the 38 Model much heavier than the 39. The dimensions and weight of the 38 Model are as follows: Length, 11 inches; width, 8½ inches; height (or depth), 3⅞ inches; weight (without shunt), 17 pounds.

The Model 38 is well adapted for use where the existence of powerful magnetic fields would render it impossible to use the 39 Model. The function of the cast iron case is to shield the instrument from external fields, and this it does in a most effective manner. In both forms of instruments the workmanship is of the highest grade.

PRICE LIST OF MODELS 38 AND 39 INSTRUMENTS.

Range for Ampere Scale in Amperes.	Model 39. Code Word.	Model 38. Code Word.	Price, 75 Volts.
10	Zadunim	Zaduniy	$35.00
25	Zadunin	Zaduniz	35.00
50	Zadunip	Zaduno	35.00
100	Zadunir	Zadunob	35.00
150	Zadunis	Zadunoc	35.00
200	Zadunit	Zadunod	39.75
300	Zaduniv	Zadunof	40.00
400	Zaduniw	Zadunog	40.25
500	Zadunix	Zadunoh	41.00
			300 Volts.
10	Zadunug	Zadunut	41.75
25	Zadunuh	Zadunuv	41.75
50	Zadunuk	Zadunuw	42.25
100	Zadunul	Zadunux	43.00
150	Zadunum	Zadunuy	43.50
200	Zadunun	Zadunuz	44.50
300	Zadunup	Zadupa	44.75
400	Zadunur	Zadupab	45.00
500	Zadunus	Zadupac	45.75

Range for Ampere Scale in Amperes.	Model 39. Code Word.	Model 38. Code Word.	Price, 150 Volts.
10	Zadunok	Zadunow	$35.00
25	Zadunol	Zadunox	35.00
50	Zadunom	Zadunoy	35.00
100	Zadunon	Zadunoz	35.00
150	Zadunop	Zadunu	35.00
200	Zadunor	Zadunub	41.75
300	Zadunos	Zadunuc	42.00
400	Zadunot	Zadunud	42.25
500	Zadunov	Zadunuf	43.00
			600 Volts
10	Zadupad	Zadupar	44.00
25	Zadupaf	Zadupas	44.00
50	Zadupag	Zadupat	44.50
100	Zadupah	Zadupav	45.25
150	Zadupak	Zadupaw	45.75
200	Zadupal	Zadupax	46.75
300	Zadupam	Zadupaz	47.00
400	Zadupan	Zadupe	47.25
500	Zadupap	Zadupeb	48.00

If double scales should be desired in the voltmeter, any ranges below those given in the list will be supplied at an extra charge of $2.50 in addition to the price for the highest range.

Special prices will be quoted upon application for these instruments in quantities of fifty or more.

WESTON INSTRUMENTS.

ILLUMINATED DIAL STATION AMMETERS, MODEL 11.

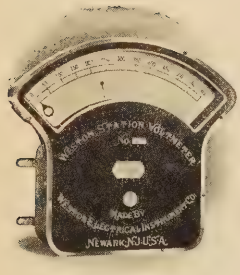
For Direct Current.

No. 50377.

Code Word.	List No.	Range in Amperes.	Value of Each Scale Division in Amperes.	List Price of Instrument with Shunt.	List Price of Shunts Alone.
Zaberib	50362	200	2	$79.50	$3.00
Zaberid	50363	250	2	79.50	3.00
Zaberif	50364	300	2	79.75	3.25
Zaberig	50365	400	5	80.00	3.50
Zaberih	50366	500	5	81.00	4.50
Zaberik	50367	600	5	82.00	5.50
Zaberil	50368	750	5	83.00	6.50
Zaberim	50369	1000	10	84.00	7.50
Zaberin	50370	1200	10	85.00	8.50
Zaberip	50371	1500	10	90.75	14.25
Zaberir	50372	2000	20	95.25	18.75
Zaberis	50373	2500	20	96.75	20.25
Zaberit	50374	3000	20	99.00	22.50
Zaberiv	50375	3500	20	102.00	25.50
Zaberiw	50376	4000	30	106.50	30.00
Zaberix	50377	4500	40	114.00	37.50
Zaberiz	50378	5000	50	121.50	45.00
Zabero	50379	6000	50	129.00	52.50
Zaberob	50380	7000	50	136.50	60.00
Zaberod	50381	8000	100	151.50	75.00
Zaberof	50382	10000	100	166.50	90.00

ILLUMINATED DIAL STATION VOLTMETERS, MODEL 11

For Direct Current.



No. 50388.

		Volts.	Value of Each Scale Division in Volts.	
Zaberog	50383	125	1	75.00
Zaberoh	50384	150	1	76.00
Zaberok	50385	180	2	77.00
Zaberol	50386	250	2	78.00
Zaberom	50387	300	2	79.00
Zaberon	50388	600	5	80.00
Zaberop	50389	750	5	81.00
Zaberor	50390	1000	10	100.00
Zaberos	50391	1500	10	110.00
Zaberot	50392	2000	20	120.00
Zaberov	50393	2500	20	130.00
Zaberow	50394	3000	25	135.00
Zaberox	50395	3250	25	140.00
Zaberoz	50396	3500	25	150.00
Zaberu	50397	4000	50	160.00
Zaberub	50398	4500	50	170.00
Zaberud	50399	5000	50	180.00
Zaberuf	50400	6000	50	195.00
Zaberug	50401	6500	50	205.00
Zaberuh	50402	7000	50	210.00
Zaberuk	50403	7500	50	220.00
Zaberul	50404	8000	100	230.00
Zaberum	50405	9000	100	250.00
Zaberun	50406	10000	100	275.00

These prices are for No. 2 finish, black japan with nickel trimmings. For No. 3 finish, all nickel-plated, add 4.50.

In placing order please give style of lamp socket desired.

The instruments listed above are furnished both in regular and flush styles, and for connection at either the front or rear of switchboard at the same list price. Unless ordered otherwise we will furnish regular instruments for front connection.

WESTON INSTRUMENTS.

ROUND PATTERN STATION INSTRUMENTS, MODEL 57. DIAM. BASE, 9½ in.

For Direct Current.

AMMETERS.

No. 50296.

Code Word.	List No.	Range in Amperes.	Value of Each Division.	List Price, Each.
Zabepip	50281	1	0.01	$25.00
Zabepir	50282	5	0.05	25.00
Zabepis	50283	10	0.1	25.00
Zabepit	50284	15	0.1	25.00
Zabepiv	50285	25	0.2	25.00
Zabepiw	50286	50	0.5	25.50
Zabepix	50287	75	0.5	26.00
Zabepiz	50288	100	1	26.50
Zabepo	50289	150	1	27.00
Zabepob	50290	200	2	28.00
Zabepod	50291	250	2	28.25
Zabepof	50292	300	2	28.25
Zabepog	50293	400	5	28.50
Zabepoh	50294	500	5	29.50
Zabepok	50295	600	5	30.50
Zabepol	50296	750	5	31.50
Zabepom	50297	1000	10	32.50
Zabepon	50298	1200	10	33.50
Zabepop	50299	1500	10	39.25
Zabepor	50300	2000	20	43.75
Zabepos	50301	2500	20	45.25

These prices are for No. 2 finish (black japan with nickel trimmings). For No. 3 finish (all nickel plated), add 2.00. Any of the instruments in the above list will be furnished with back connections or flush-type cases, when specified in order.

VOLTMETERS.

No. 50413.

		Range in Volts.	Value of Each Scale Division in Volts.	
Zaberup	50407	3	0.02	25.00
Zaberur	50408	6	0.05	25.00
Zaberus	50409	15	0.1	25.00
Zaberut	50410	25	0.2	26.00
Zaberuv	50411	50	0.5	26.50
Zaberuw	50412	75	0.5	27.25
Zaberux	50413	125	1	28.25
Zaberuz	50414	150	1	29.50
Zabesa	50415	250	2	31.50
Zabesab	50416	300	2	32.50
Zabesad	50417	600	5	35.00
Zabesaf	50418	750	5	37.00

These prices are for No. 2 finish (black japan with nickel trimmings). For No. 3 finish, all nickel-plated, add 2.00.

ROUND PATTERN STATION INSTRUMENTS, MODEL 24. DIAM. BASE, 7¼ in.

AMMETERS.

		Range in Amperes.	Value of Each Scale Division in Amperes.				Range in Amperes.	Value of Each Scale Division in Amperes.	
Zabesag	50419	0 to 1	.02	15.00	Zabesap	50425	0 to 80	2	15.75
Zabesah	50420	0 to 5	.1	15.00	Zabesar	50426	0 to 100	2	16.00
Zabesak	50421	0 to 10	.2	15.00	Zabesas	50427	0 to 130	2	16.50
Zabesal	50422	0 to 15	.2	15.50	Zabesat	50428	0 to 150	2	16.50
Zabesam	50423	0 to 25	.5	15.50	Zabesav	50429	0 to 200	4	17.00
Zabesan	50424	0 to 50	1	15.75					

VOLTMETERS.

		Range in Volts.	Value of Each Scale Division in Volts.				Range in Volts.	Value of Each Scale Division in Volts.	
Zabesaw	50430	0 to 3	.05	15.50	Zabeseg	50437	0 to 80	2	16.00
Zabesax	50431	0 to 5	.1	15.50	Zabeseh	50438	0 to 130	2	16.50
Zabesaz	50432	0 to 6	.1	15.75	Zabesek	50439	0 to 150	2	17.00
Zabese	50433	0 to 10	.2	16.00	Zabesel	50440	0 to 250	5	19.50
Zabeseb	50434	0 to 15	.2	16.00	Zabesem	50441	0 to 300	5	20.50
Zazesed	50435	0 to 25	.5	16.00	Zabesen	50442	0 to 600	8	26.50
Zabesef	50436	0 to 50	1	16.00					

These prices are for No. 3 finish (black japan with nickel trimmings). For No. 3 finish (all nickel-plated), add 1.50.

WESTON INSTRUMENTS.

ALTERNATING CURRENT SWITCHBOARD INSTRUMENTS.

MODEL 151.

Diameter of case.....9,506 inches
Depth of case.....3,150 inches
Length of scade arc.....6,500 inches

MODEL 151.

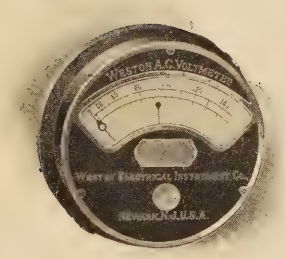
VOLTMETERS.

Code Word.	List No.	Range Volts.	List Price, Each.
Zafakaf	33659	75	$18.50
Zafakag	33660	125	18.50
Zafakah	33661	150	18.75
Zafakak	33662	300	22.50
Zafakal	33663	500	26.50
Zafakam	33664	600	27.50
Zafakan	33665	750	30.00

Voltmeters with a range above 300 volts are provided with external resistances.

AMMETERS.

		Amperes.	
Zafakap	33666	1	17.75
Zafakar	33667	2	17.50
Zafakas	33668	3	17.00
Zafakat	33669	5	17.00
Zafakav	33670	10	17.00
Zafakaw	33671	15	17.00
Zafakax	33672	25	17.00
Zafakay	33673	50	17.50
Zafakaz	33674	75	17.50
Zafake	33675	100	17.50
Zafakeb	33676	150	18.00
Zafakec	33677	200	18.50
Zafaked	33678	250	18.75
Zafakef	33679	300	19.00
Zafakeg	33680	400	19.50
Zafakeh	33681	500	20.00



MODEL 156.

Diameter of case.....7.25 inches
Depth of case.....3.15 inches
Length of scale arc.....5.25 inches

MODEL 156.

VOLTMETERS.

		Volts.	
Zafahub	33636	75	14.50
Zafahuc	33637	125	14.50
Zafahud	33638	150	14.75
Zafahuf	33639	300	18.50
Zafahug	33634	500	19.50
Zafahuh	33648	600	21.00
Zafahuk	33642	750	23.50

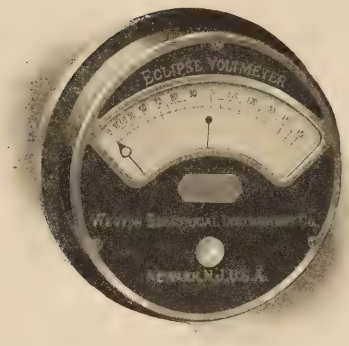
Voltmeters with a range above 150 volts are provided with external resistances.

AMMETERS.

		Amperes.	
Zafahul	33643	1	14.00
Zafahum	33644	2	13.75
Zafahun	33645	3	13.50
Zafahup	33646	5	13.50
Zafahur	33647	10	13.50
Zafahus	33648	15	13 50
Zafahut	33649	25	13.50
Zafahuv	33650	50	13.75
Zafahuw	33651	75	13.75
Zafahux	33652	100	13.75
Zafahuy	33653	150	14.25
Zafahuz	33654	200	14.75
Zafaka	33655	250	15.00
Zafakab	33656	300	15.50
Zafakac	33657	400	16.50
Zafakad	33658	500	17.50

WESTON INSTRUMENTS.

ECLIPSE DIRECT CURRENT SWITCHBOARD INSTRUMENTS.



MODEL 160. LARGE SIZE.

Diameter of case.....9.56 inches
Depth of case.....3.15 inches
Length of scale arc.....6.50 inches

MODEL 160.

VOLTMETERS.

Code Word.	List No.	Range Volts.	List Price, Each.
Zafahev	33590	75	$16.00
Zafahew	33591	125	16.00
Zafahex	33592	150	16.00
Zafahey	33593	300	18.00
Zafahez	33594	500	20.50
Zafahi	33595	600	21.50
Zafahib	33596	750	22.50

Voltmeters with a range above 300 volts are provided with external resistances.

AMMETERS.

		Amperes.	
Zafahic	33597	1	15.50
Zafahid	33598	2	15.50
Zafahif	33599	3	15.25
Zafahig	33600	5	15.00
Zafahih	33601	10	15.00
Zafahik	33602	15	15.00
Zafahil	33603	25	15.00
Zafahim	33604	50	16.00
Zafahin	33605	75	16.00
Zafahip	33606	100	16.50
Zafahir	33607	150	16.50
Zafahis	33608	200	17.00
Zafahit	33609	250	17.50
Zafahiv	33610	300	18.00
Zafahiw	33611	400	18.50
Zafahix	33612	500	19.50

MODEL 159. SMALL SIZE.

Diameter of case.....7.25 inches
Depth of case.....3.15 inches
Length of scale arc.....5.25 inches

MODEL 159.

VOLTMETERS.

		Volts.	
Zafahiy	33613	75	12.00
Zafahiz	33614	125	12.00
Zafaho	33615	150	12.00
Zafahob	33616	300	14.50
Zafahoc	33617	500	16.00
Zafahod	33618	600	17.00
Zafahof	33619	750	18.00

Voltmeters with a range above 150 volts are provided with external resistances.

AMMETERS.

		Amperes.	
Zafahog	33620	1	12.00
Zafahoh	33621	2	12.00
Zafahok	33622	3	11.75
Zafahol	33623	5	11.50
Zafahom	33624	10	11.50
Zafahon	33625	15	11.50
Zafahop	33626	25	11.50
Zafahor	33627	50	12.50
Zafahos	33628	75	12.50
Zafahot	33629	100	13.00
Zafahov	33630	150	13.00
Zafahow	33631	200	13.50
Zafahox	33632	250	14.00
Zafahoy	33633	300	14.50
Zafahoz	33634	400	15.00
Zafahu	33635	500	16.00

WHITNEY PORTABLE TEST INSTRUMENTS.

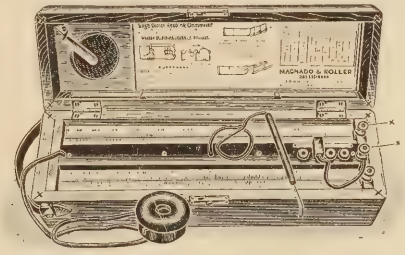
DECADE PATTERN TESTING SET.

Decade Testing Set.

With only four plugs in the rheostat of this set, we are enabled to introduce a resistance variable by steps of one ohm from zero to 11,110 ohms, which, in combination with the two four-coil ratio arms, gives a total theoretical range of measurement of .001 of an ohm to over 11 megohms. Five large cells of dry battery are built into the set and so arranged that any number, from one up, can be cut in at will. The keys are similar to the conventional combination type, but specially designed, so that they can be used independently when desired, as is necessary in making loop tests. A novel arrangement shifts from the Murray to the Varley connections by moving a single plug from one receptacle to the other, so that the two X posts are used for all measurements. A device similar to the foregoing enables an external galvanometer to be substituted for the one in the set, by moving a single plug. Provision is made for the attachment of external batteries when desired. The galvanometer is highly sensitive, not influenced by external magnetism, and can be used at any meridian. All coils are standardized by direct comparison with certified standards and a certificate of accuracy accompanies each instrument.

With each testing set is furnished a set of directions for using same in the measurement of resistances, making the Murray test, making the Varley test, calibrating voltmeters and calibrating ammeters.

List No.	Range.	List Price, Each.
6055	Whitney Decade Testing Set, .001 ohm to 11,000,000 ohms	$65.00
	Leather case for above (to order), net	6.50



Ohmmeter.

DIRECT READING OHMMETERS.

These instruments have been on the market for several years, and their widespread use attests their popularity. In some respects they are superior to the Wheatstone bridge, having no loose plugs to be lost, being extremely simple to operate, and giving results which are read off directly in ohms from a scale without the necessity of any computation whatsoever.

The scales are 30 inches long and, therefore, can be read very closely. With each instrument there is supplied a pair of loose scales, equally divided, which may be dropped into place over the regular scales when locating crosses and grounds on lines, and which show directly the distance of the point of trouble from one or the other binding post of the instrument. The batteries necessary for the operation of the ohmmeter are in a separate compartment in the base of the instrument and may be readily removed and replaced. All instruments are multi-scale, the numerals for the different scales being printed in different colors, and the receptacles into which the plug is shifted to throw in the successive scales are labelled with the names of these colors, so as to avoid any chance of confusion. Directions for using the instrument for measuring resistance, for locating crosses and grounds on a line, together with diagrams of connections and wire tables, are all given on a card permanently secured inside of the cover.

The extreme simplicity of operation can best be appreciated from the fact that after a few minutes' practice an unskilled observer can accurately determine an unknown resistance in less than thirty seconds time.

STANDARD OHMMETER.

6056	Four scales, ranges zero to 10, 100, 1,000 and 200,000 ohms respectively	$45.00
6057	Four scales, ranges zero to 10, 100, 1,000 and 2,000,000 ohms respectively	50.00
	Leather carrying case (to order), net	5.50

SPECIAL OHMMETER.

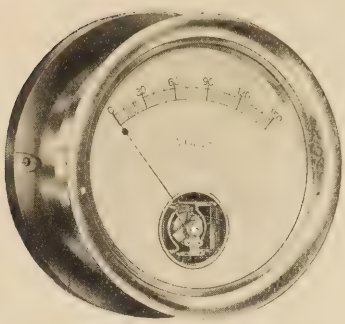
We offer also a special type ohmmeter containing, in addition to the equipment in the standard model, an induction coil and a sensitive galvanometer. These are desirable for making special tests such as comparing inducances and capacities, and for resistance measurements in noisy shops.

Price, either range, $15.00 list higher than the standard model.

HOYT INSTRUMENTS.

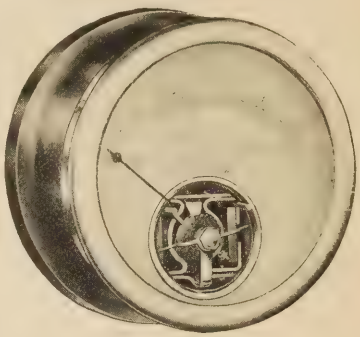
TYPES "R-6," "DR-8," AND "C-35" VOLTMETERS AND AMMETERS.

For Direct Current.



Types "R-6" and "DR-8."

Diameter of face, "R-6," 6 inches; "DR-8," 8 inches.
Diameter over all, "R-6," 7 inches; "DR-8," 9¼ inches.
Depth over all, "R-6," 3⅝ inches; "DR-8," 3 15/16 inches.



Type "C-35."

Diameter of face, 3½ inches.
Diameter over all, 4 inches.
Depth over all, 2⅛ inches.

(See another page for list prices.)

VOLTMETERS.

Type "R-6."					Type "DR-8."			
Code Word.	List No.	Mfr. No.	List Price Each.	Range.	Code Word.	List No.	Mfr. No.	List Price Each.
Zafulil	43575	605	$13.00	50 millivolts	Zafulow	43603	804	$16.00
Zafulim	43576	607	13.00	1000 millivolts	Zafulox	43604	806	16.00
Zafulin	43577	609	13.00	1500 millivolts	Zafuloy	43605	808	16.00
Zafulip	43578	611	13.00	3 volts	Zafuloz	43606	810	16.00
Zafulir	43579	613	13.00	15 volts	Zafulu	43607	812	16.00
Zafulis	43580	615	14.50	75 volts	Zafulub	43608	814	17.50
Zafulit	43581	617	15.00	125 volts	Zafuluc	43609	816	18.00
Zafuliv	43582	619	15.00	150 volts	Zafulud	43610	818	18.00
Zafuliw	43583	621	16.50	300 volts	Zafuluf	43611	820	19.50
Zafulix	43584	623	19.00	600 volts	Zafulug	43612	822	22.00
Zafuliy	43585	625	20.00	750 volts	Zafuluh	43613	824	23.00

AMMETERS.

Zafuliz	43586	655	13.00	15 milliamp.	Zafuluk	43614	854	16.00
Zafulo	43587	657	13.00	150 milliamp.	Zafulul	43615	856	16.00
Zafulob	43588	659	13.00	500 milliamp.	Zafulum	43616	858	16.00
Zafuloc	43589	661	13.00	1 ampere	Zafulun	43617	860	16.00
Zafulod	43590	663	13.00	5 amperes	Zafulup	43618	862	16.00
Zafulof	43591	665	14.00	15 amperes	Zafulur	43619	864	17.00
Zafulog	43592	667	14.00	25 amperes	Zafulus	43620	866	17.00
Zafuloh	43593	669	14.50	50 amperes	Zafulut	43821	868	17.50
Zafulok	43594	671	15.00	75 amperes	Zafuluv	43622	870	18.00
Zafulol	43595	673	15.50	100 amperes	Zafuluw	43623	872	18.50
Zafulom	43596	675	16.00	200 amperes	Zafulux	43624	874	19.00
Zafulon	43597	677	16.50	300 amperes	Zafuluy	43625	876	19.50
Zafulop	43598	679	17.00	400 amperes	Zafuluz	43626	878	20.00
Zafulor	43599	681	17.50	500 amperes	Zafuma	43627	880	20.50
Zafulos	43600	683	18.00	600 amperes	Zafumab	43628	882	21.00
Zafulot	43601	685	19.00	750 amperes	Zafumac	43629	884	22.00
Zafulov	43602	687	21.00	1000 amperes	Zafumad	43630	886	24.00

FINISH—Black enameled case with option of polished nickel, brass, copper, or gun metal front ring. Other finishes at special prices. "R-6" and "DR-8" Voltmeters are self-contained up to 750 volts. Ammeters have external shunt above 5 amperes unless specially ordered otherwise. Furnished for front of board connections only when so ordered, but at regular prices.

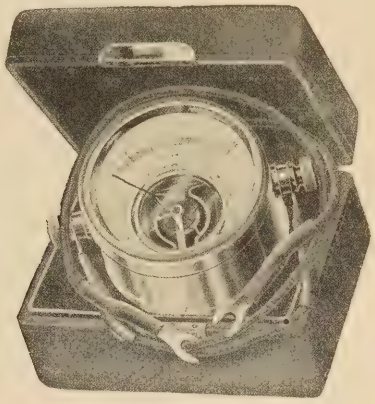
HOYT INSTRUMENTS.

TYPE 25 VOLTMETERS AND AMMETERS.

For Direct Current.

Type "C-25" Voltmeter. Switchboard Pattern.

Diameter of Face, 2½ inches.
Diameter over all, 3 inches.
Depth over all, 1⅜ inches.



Type "P-25" Voltmeter. Size 4x3¼x2 Inches. Pocket Pattern.

VOLTMETERS.

"C-25" Type. Switchboard Pattern.					"P-25" Type. Pocket Pattern.			
Code Word.	List No.	Mfr. No.	List Price Each.	Range.	Code Word.	List No.	Mfr. No.	List Price Each.
Zafumip	43679	249	$7.50	0- 60 millivts.	Zafumop	43699	250	$9.50
Zafumir	43680	251	7.50	0-500 millivts. (½ Volt)	Zafumor	43700	252	9.50
Zafumis	43681	253	7.50	0- 1 volts	Zafumos	43701	254	9.50
Zafumit	43682	255	7.50	0- 3 volts	Zafumot	43702	256	9.50
Zafumiv	43683	257	8.00	0- 10 volts	Zafumov	43703	258	10.00
Zafumiw	43684	259	8.00	0- 15 volts	Zafumow	43704	260	10.00
Zafumix	43685	261	8.50	0- 30 volts	Zafumox	43705	262	10.50
Zafumiy	43686	263	8.50	0- 50 volts	Zafumoy	43706	264	10.50
Zafumiz	43687	265	9.00	0- 75 volts	Zafumoz	43707	266	11.00
Zafumo	43688	267	10.00	0-125 volts	Zafumu	43708	268	12.00
Zafumob	43689	269	10.00	0-150 volts	Zafumub	43709	270	12.00

AMMETERS.

Zafumoc	43690	202	7.50	0-500 milamp. (½ ampere)	Zafumuc	43710	201	9.50
Zafumod	43691	204	7.50	0- 1 ampere	Zafumud	43711	203	9.50
Zafumof	43692	206	7.50	0-1½ amperes	Zafumuf	43712	205	9.50
Zafumog	43693	208	7.50	0- 3 amperes	Zafumug	43713	207	9.50
Zafumoh	43694	210	8.00	0- 5 amperes	Zafumuh	43714	209	10.00
Zafumok	43695	212	8.00	0- 10 amperes	Zafumuk	43715	211	10.00
Zafumol	43696	214	8.00	0- 15 amperes	Zafumul	43716	213	10.00
Zafumom	43697	216	8.50	0- 30 amperes	Zafumum	43717	215	10.50
Zafumon	43698	218	8.50	0- 50 amperes	Zafumun	43718	217	10.50

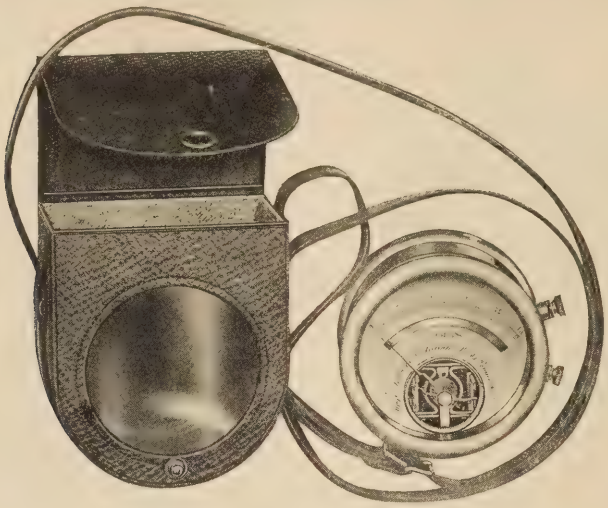
The standard finish for both types is polished nickel, but when specially ordered we will furnish them in polished copper, brass, or gun metal without extra charge. Other finishes furnished at moderate but slightly increased prices.

The Type "C-25" are furnished with flexible back connections unless otherwise ordered, but when specified will be furnished with front (side) terminal or with bushings in back to take standard threaded bolts.

Ammeters are self-contained up to 50 amperes unless specially ordered otherwise. Above 50 amperes they are furnished with external shunts only. "C-25" Voltmeters are self-contained up to 50 volts. Above this range we recommend external multipliers to preserve the symmetry of the case although we have made them self-contained up to 150 volts. "P-25" Voltmeters are made self-contained up to 150 volts.

HOYT INSTRUMENTS.

TYPE 35 VOLTMETERS AND AMMETERS. For Direct Current.



Type "P-35."

VOLTMETERS.

"P-35" Type. Pocket Pattern.					"C-35" Type. Switchboard Pattern.			
Code Word.	List No.	Mfr. No.	List Price Each.	Range.	Code Word.	List No.	Mfr. No.	List Price Each.
Zafumaf	43631	301	$15.00	150 millivolts	Zafumef	43651	302	$10.00
Zafumag	43632	303	15.00	500 millivolts	Zafumeg	43652	304	10.00
Zafumah	43633	305	15.00	1000 millivolts	Zafumeh	43653	306	10.00
Zafumak	43634	307	15.00	1500 millivolts	Zafumek	43654	308	10.00
Zafumal	43635	309	15.00	3 volts	Zafumel	43655	310	10.00
Zafumam	43636	311	15.00	15 volts	Zafumem	43656	312	10.00
Zafuman	43637	313	16.00	25 volts	Zafumen	43657	314	11.00
Zafumap	43638	315	16.00	75 volts	Zafumen	43658	316	11.50
Zafumar	43639	317	17.00	125 volts	Zafumep	43659	318	12.00
Zafumas	43640	319	17.00	150 volts	Zafumer	43660	320	12.00
				300 volts	Zafumes	43661	322	13.50

AMMETERS.

Zafumat	43641	351	15.00	150 milli .. .	Zafumet	43662	352	10.00
Zafumav	43642	353	15.00	500 milliamp.	Zafumev	43663	354	10.00
Zafumaw	43643	355	15.00	1000 milliamp.	Zafumew	43664	356	10.00
Zafumax	43644	357	15.00	1500 milliamp.	Zafumex	43665	358	10.00
Zafumay	43645	359	16.00	5 amperes	Zafumey	43666	360	11.00
Zafumaz	43646	361	16.00	15 amperes	Zafumez	43667	362	11.50
Zafume	43647	363	17.00	25 amperes	Zafumi	43668	364	12.00
Zafumeb	43648	365	18.00	50 amperes	Zafumib	43669	366	12.50
Zafumec	43649	367	19.00	75 amperes	Zafumic	43670	368	13.00
Zafumed	43650	369	20.00	100 amperes	Zafumid	43671	370	13.50
				200 amperes	Zafumif	43672	372	14.00
				300 amperes	Zafumig	43673	374	15.00
				400 amperes	Zafumih	43674	376	16.00
				500 amperes	Zafumik	43675	378	17.00
				600 amperes	Zafumil	43676	380	18.00
				750 amperes	Zafumim	43677	382	19.00
				1000 amperes	Zafumin	43678	384	21.00

Furnished in the following standard finishes: Polished nickel, copper, and oxidized or oxidized case with polished brass, nickel, or copper front ring. Other finishes can be furnished at slightly increased prices. Type "P-35" instruments furnished in all polished brass if preferred.

Type "C-35" are furnished with flexible back connections unless otherwise ordered, but can, when desired, be furnished with front (side) binding posts. Type "P-35" are furnished with side binding posts only.

"C-35" Ammeters are self-contained up to 5 amperes only unless otherwise specified.

"P-35 Ammeters are self-contained up to 100 amperes. Above this capacity separate shunts are furnished in every case. All 35 Voltmeters are self-contained up to 150 volts.

We do not recommend over 60 divisions on the scale, although in case of necessity can put on 75.

Type "P-35" instruments are furnished in a seal leather carrying case with shoulder straps. Case has a celluloid front so that readings may be taken without removing instrument from its case.

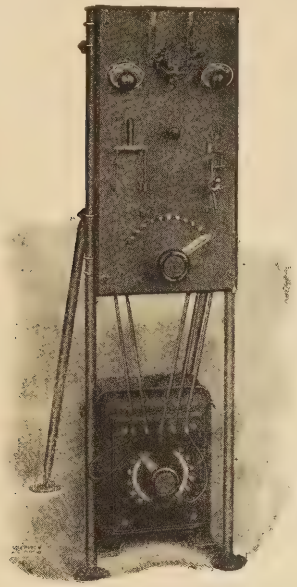
G. E. MERCURY ARC RECTIFIER OUTFITS

10 TO 40 AMPERES.

The Mercury Arc Rectifier is a device for simply, efficiently and economically changing alternating current to direct current.

The rectifier is built in four standard sizes, 10, 20, 30 and 40 amperes, and for any direct current voltage up to 175 and any alternating frequency. This device has been very extensively and successfully used for charging electric automobiles and central energy telephone batteries where the alternating current only was available. It has, however, been applied with equal success to many other classes of work.

The outfit consists of three essential parts: panel (with complete equipment), rectifier tube, and compensating reactances. The standard panel is shown above, but special outfits for all classes of work, such as automobile charging garage equipments and telephone battery charging panels can be supplied.



Front of Panel.

Rear of Panel.

Code Word	List No	Mfr. No.	D. C. Amperes Capacity	D.C. Volts	A.C. Volts	Mfr. No. Rectifier Tube	Volt-Meter Scale	Ammet. Scale	Cells Lead Battery	Frequency Cycl's per sec.*	List Price Each
Zadiham	28451	46678	10	15- 45	110	40948	75	30	5-18	60	$350.00
Zadihan	28452	46679	20	15- 45	110	40951	75	30	5-18	60	390.00
Zadihap	28453	46680	30	15- 45	110	40954	75	60	5-18	60	420.00
Zadihar	28454	46681	40	15- 45	110	40957	75	60	5-18	60	500.00
Zadihas	28455	46683	10	30- 45	110	40949	75	30	15-18	60	350.00
				45- 75	220				18-24		
Zadihat	28456	46684	20	30- 45	110	40952	75	30	15-18	60	390.00
				45- 75	220				18-24		
Zadihav	28457	46685	30	30- 45	110	40955	75	60	15-18	60	420.00
				45- 75	220				18-24		
Zadihaw	28458	46686	40	30- 45	110	40958	75	60	15-18	60	500.00
				45- 75	220				18-24		
Zadihax	28459	46688	10	45-115	220	40949	120	30	18-44	60	350.00
Zadihay	28460	46689	20	45-115	220	40952	120	30	18-44	60	390.00
Zadihaz	28461	46690	30	45-115	220	40955	120	60	18-44	60	420.00
Zadihe	28462	46691	40	45-115	220	40958	120	60	18-44	60	500.00
Zadiheb	28463	46693	10	90-175	330	40950	175	30	44-68	60	390.00
Zadihec	28464	46694	20	90-175	330	40953	175	30	44-68	60	420.00
Zadihed	28465	46695	30	90-175	330	40956	175	60	44-68	60	480.00
Zadihef	28466	46696	40	90-175	330	40959	175	60	44-68	60	600.00

*It will be noted that the above outfits are rated at 60 cycles. They can, however, be used on any frequency from 25 to 140 cycles, although the voltage characteristics will change somewhat. For instance, a standard outfit operating on 125 cycles will give a direct current voltage of about 15 per cent lower than when operating at 60 cycles.

Prices for Mercury Arc Rectifier Tubes quoted on application.

FORT WAYNE COMPENSARC.

This is a special electrical device for controlling moving picture machine arc lamps. It displaces the old system of control by iron wire resistance rheostats, which is a very inefficient method and wasteful of much electrical energy. The disadvantage of excessive heat which invariably accompanies the rheostatic method of control has been entirely eliminated. The compensarc takes only one-half the current from the line of that required by the arc lamp. The advantages of this compensarc over the separate compensator or transforming device are the various adjustments which it is possible to attain, which are so successful to moving picture machine operation. Each adjustment is so designed as to maintain approximately the same voltage at the arc in passing from one adjustment to the other without at any time endangering the stability of the arc or opening the circuit. There are three steps or adjustments with this compensarc to meet the conditions found in operating moving picture machine arc lamps.

ADJUSTMENTS.

FIRST—Switch closed on first contact blade closes the circuit through the lamp with 14 amperes, 35 volts at the arc. This step is used only to heat the carbons so that a perfect light may be obtained instantly if required by closing the switch on the second contact blade.

SECOND—Switch closed on second contact blade closes circuit through the lamp with 40 amperes, 34 volts at the arc, the standard operating condition for all regular films.

THIRD—Switch closed on first and third contact blades closes circuit through the lamp with 60 amperes, 33 volts at the arc. This is used only for very dense or black films to bring out the picture clearly on the screen.

GUARANTEES.

From 66 2/3% to 70% on 110 Volts.
From 70% to 80% on 220 Volts.

The Compensarc insures a saving in current over the iron wire resistance rheostat as follows:

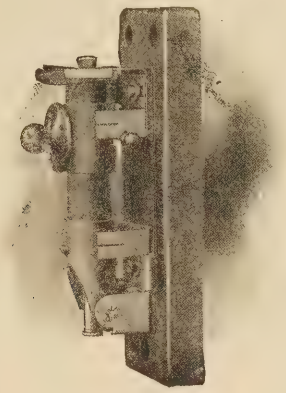
Code Word.	List No.	Volts.	Frequency.	List Price
Zafohuy	94247	110	60 cycles	**$100.00**
Zafohuz	94249	110	133 cycles	**100.00**
Zafoka	94251	110	.50 cycles	**100.00**
Zafokab	94248	220	60 cycles	**120.00**
Zafokac	94250	220	133 cycles	**120.00**
Zafokad	94252	220	50 cycles	**120.00**

WESTINGHOUSE AUTOMATIC CIRCUIT-BREAKERS.

TYPE "F" CARBON BREAK.

Front Connected—Overload Release.

For Potentials Not Exceeding 250 Volts D.C. and 440 Volts A.C.



These are small, compact and serviceable breakers. They are designed to fulfil a demand for a protective device to be installed with small motors and lighting installations, and having a cost commensurate with that of the rest of the system.

CAPACITIES—There are four capacities; namely, 12½, 25, 50 and 75 amperes; all of which have the same outside dimensions and differ only in the operating mechanism.

OPERATING MECHANISM—The operating solenoid is inside of a fibre tube forming the lever arm, adjustment of the tripping point being readily regulated by means of the knurled nut shown below the pivot. The tripping point may be set for any current within the range given. A small insulating knob at the right controls a tripping device and offers a means of opening the breaker by hand.

CURRENT CARRYING CONTACTS are of copper, arcing contacts are carbon, and are readily renewable. The lever arm is operated by a spring, and the contacts are of a shape to assist in opening the breaker. This form of contact is distinctly in line with the best modern practice, and the advantage of the free operation mentioned above over the operation of breakers having jaw contacts, should be noted.

INSTALLATION—By installing a breaker for each wire of the circuit, two for two-wire and three for three-wire circuits, the switch may be dispensed with and the circuit operated by means of the breakers alone. In this case the breakers are non-closable on overloads, the breaker on one side of the circuit opening when the breaker on the other side of the circuit is closed.

The style number and list price include breaker complete with base and terminals.

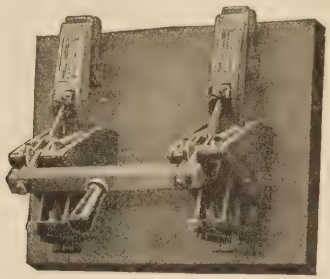
Code Word.	List No.	Mfr. No.	Capacity Amperes.	Range Amperes.	List Price, Each.
Zacolid	25283	43670	12.5	10- 20	**$5.00**
Zacolif	25284	43671	25	20- 40	**5.50**
Zacolig	25285	43672	50	40- 80	**6.00**
Zacolih	25286	43673	75	60-120	**6.75**

Net weight, 2 pounds.
Weight packed for shipment, 4 pounds.

WESTINGHOUSE CIRCUIT BREAKERS.

TYPE "CC" CARBON BREAK—REAR CONNECTED.

FOR POTENTIALS NOT EXCEEDING 750 VOLTS D. C. OR A. C.



Continuous Carrying Capacity, Amperes.	Range Amperes.	For potentials not exceeding 750 Volts, D. C. Single Pole, Overload Release. Code Word.	List No.	List Price, Each.	For Potentials not exceeding 250 Volts, D. C. Double Pole, Overload Release. Code Word.	List No.	List Price, Each.
25	20- 40	Zaduvom	33134	$22.00	Zaduvoz	33144	$35.00
50	40- 80	Zaduvon	33135	25.00	Zaduvu	33145	41.50
75	60- 120	Zaduvop	33136	25.00	Zaduvub	33146	41.50
100	80- 160	Zaduvor	33137	28.00	Zaduvuc	33147	45.00
150	120- 240	Zaduvos	33138	32.50	Zaduvud	33148	52.50
200	160- 320	Zaduvot	33139	34.50	Zaduvuf	33149	58.00
300	240- 480	Zaduvov	33140	40.00	Zaduvug	33150	65.00
400	320- 640	Zaduvow	33141	45.00	Zaduvuh	33151	75.00
600	480- 960	Zaduvox	33142	60.00	Zaduvuk	33152	95.00
800	640-1280	Zaduvoy	33143	75.00	Zaduvul	33153	115.00

Single and double pole calibrated for direct current circuits.
If calibration for alternating current is desired state frequency when ordering.

		For Potentials not exceeding 500 Volts, D. C. Three Pole, Overload Release.			For Potentials not exceeding 500 Volts, D. C. Four Pole, Overload Release.		
25	20- 40	Zaduvum	33154	65.00	Zaduvuz	33164	90.00
50	40- 80	Zaduvun	33155	76.00	Zaduwa	33165	100.00
75	60- 120	Zaduvup	33156	76.00	Zaduwab	33166	100.00
100	80- 160	Zaduvur	33157	82.50	Zaduwac	33167	110.00
150	120- 240	Zaduvus	33158	95.00	Zaduwad	33168	125.00
200	160- 320	Zaduvut	33159	100.00	Zaduwaf	33169	135.00
300	240- 480	Zaduvuv	33140	115.00	Zaduwag	33170	155.00
400	320- 640	Zaduvuw	33161	130.00	Zaduwah	33171	175.00
600	480- 960	Zaduvux	33162	160.00	Zaduwak	33172	220.00
800	640-1280	Zaduvuy	33163	190.00	Zaduwal	33173	265.00

For Potentials not exceeding 750 Volts, D. C.
Double Pole, Overload Release.

The style number and list price include rear connected breaker with slate base finished in black marine, terminal lugs and clamping nuts.

25	20- 40	$37.50	Zaduwam	33174
50	40- 80	44.00	Zaduwan	33175
75	60- 120	44.00	Zaduwap	33176
100	80- 160	47.50	Zaduwar	33177
150	120- 240	55.00	Zaduwas	33178
200	160- 320	60.50	Zaduwat	33179
300	240- 480	65.00	Zaduwav	33180
400	320- 640	75.00	Zaduwaw	33181
600	480- 960	97.50	Zaduwax	33182
800	640-1280	117.50	Zaduway	33183

The style number and list price include rear connected breaker with slate base finished in black marine, terminal lugs and clamping nuts.

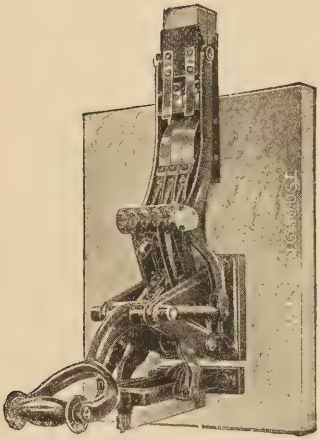
The above breakers are calibrated for direct current circuits. If calibration for alternating current is desired, state frequency when ordering.

WESTINGHOUSE AUTOMATIC CIRCUIT BREAKERS.

TYPE C CARBON BREAK.

FOR POTENTIALS NOT EXCEEDING 750 VOLTS.

Direct or Alternating Current Circuits.



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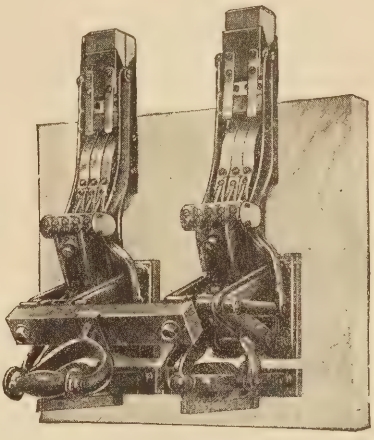


No. 24691.

Barrier included, but not shown. If desired separate handles can be furnished.

SINGLE POLE, OVERHEAD RELEASE.

Code Word.	List No.	Mfr. No.	Continuous Carrying Capacity Amperes.	Range Amperes.		List Price, Each.
Zacobim	24673	14863	200	150— 300	.....	$85.00
Zacobin	24674	14864	400	350— 600	.....	95.00
Zacobip	24675	14865	600	500— 900	.....	106.00
Zacobir	24676	14866	800	600— 1,400	.....	118.00
Zacobis	24677	14867	1,000	800— 1,600	.....	132.00
Zacobit	24678	14868A	1,500	1,200— 2,400	.....	175.00
Zacobiv	24679	14869A	2,000	1,500— 3,000	.....	250.00
Zacobiw	24680	14870A	3,000	2,500— 5,000	.....	330.00
Zacobix	24681	14871	4,000	3,000— 6,000	.....	565.00
Zacobiy	24682	14872	5,000	4,000— 8,000	.....	685.00
Zacobiz	24683	14873	6,000	5,000—10,000	.....	850.00
Zacobo	24684	32122	8,000	6,500—12,000	.....	1,000.00
Zacobob	24685	32123	10,000	8,000—15,000	.....	1,200.00

DOUBLE POLE, OVERLOAD RELEASE.

Zacoboc	24686	14876	200	150— 300	.....	175.00
Zacobod	24687	14877	400	350— 600	.....	190.00
Zacobof	24688	14878	600	500— 900	.....	215.00
Zacobog	24689	14879	800	600—1,400	.....	238.00
Zacoboh	24690	14880A	1,000	800—1,600	.....	265.00
Zacobok	24691	14881A	1,500	1,200—2,400	.....	355.00
Zacobol	24692	14882A	2,000	1,500—3,000	.....	500.00
Zacobom	24693	14883A	3,000	2,500—5,000	.....	660.00

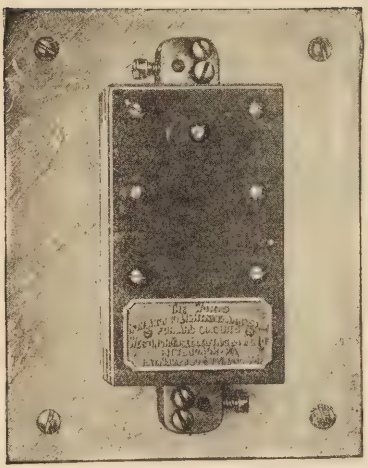
List prices include complete breakers mounted on bases, with necessary terminals and clamping nuts.

The single-pole breakers up to and including the 3,000 ampere size are mounted on slate bases. All other breakers are mounted on blue Vermont marble bases with necessary barriers.

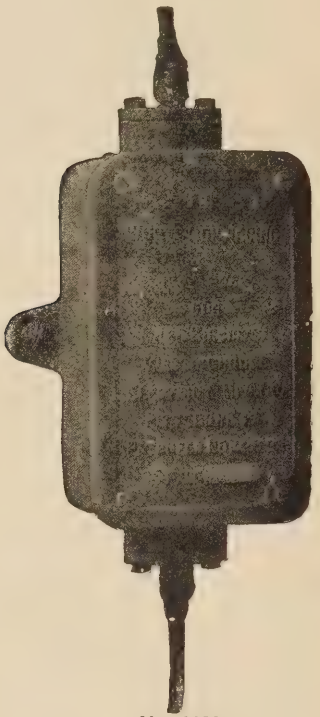
WESTINGHOUSE LIGHTNING ARRESTERS.

FOR DIRECT CURRENT CIRCUITS.

SINGLE POLE.



No. 6682.



No. 6683.

The Type I Arrester is a single-pole instrument and consists of two metal electrodes mounted upon a lignum vitæ block, flush with its surface. Charred or carbonized grooves provide a ready path for the discharge, while a second block fitting closely upon the first block prevents gases or vapors from forming, and consequently no arc follows the discharge.

TYPE I.

The arrester is mounted upon a marble base for station use.

Code Word.	List No.	Mfr. No.	Voltage of Circuit.	List Price, Each.
Zacozan	6682	1810	Up to 4000 volts	$10.00

TYPE J.

This arrester is similar to No. 6682, but being for line use is enclosed in an iron box.

			Line Voltage.	
Zacozap	6683	1811	Up to 4000 volts	7.00

WESTINGHOUSE LIGHTNING ARRESTERS.

TYPE M. P. SINGLE-POLE LIGHTNING ARRESTER.

FOR STREET RAILWAY SERVICE.

A. C. and D. C. Circuits.

The protective apparatus as used for railway service consists of lightning arresters for the usual line voltages, the apparatus listed being sufficiently flexible to meet all requirements of service.

No. 31782.

Type M. P.—The Type M. P. Lightning Arrester for D. C. or A. C. Circuits may be placed on each individual car, may be used on the line, or may be installed in the central station. It is neat and compact in appearance and is furnished with a weatherproof galvanized iron case which is ample protection for the apparatus in any location.

Multi-Path.—The Arrester takes its name from the fact that the static discharge spreads itself over a block along a number of minute discharge paths (multi-path), hence the name.

Spark Gap.—There is one Spark Gap in this type of Arrester so adjusted that it prevents leakage of current at normal line voltage, but breaks down at voltages higher than normal, thus relieving the line of dangerous high potentials and protecting apparatus connected thereto.

Non Arcing.—The resistance of the discharge paths is sufficient to prevent the line voltage from maintaining an arc.

Code Word.	List No.	Mfr. No.	Volts.	List Price Each.
Zadowoy	31782	47417	0-1000	$5.65

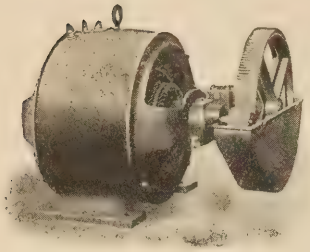
DOUBLE-POLE LINE ARRESTER.

TYPE C.

This lightning arrester consists of seven cylinders of non-arcing metal mounted on a porcelain base which is encased in a weatherproof iron box. Leads are brought out from the first, last and middle cylinders. For circuits with normal potential not exceeding 1,250 volts the arrester will afford protection for both sides of a two-wire circuit, the middle lead being grounded and the two outside leads connected to the line wires. When a single line wire is to be protected on a circuit of not more than 1,250 volts, only half of the arrester is used, the middle lead being grounded and the line connected to one of the outside leads. For circuits exceeding 1,250 volts, but not exceeding 2,500, one of the outside leads is grounded and the other is connected to the line, the middle lead being disconnected. In this case it is a single-pole arrester.

Zacocut	3086	62133	500-2500	5.65

FORT WAYNE DIRECT CURRENT MOTORS.



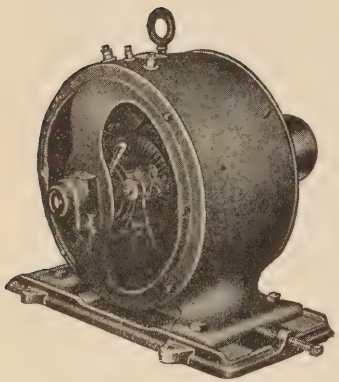
Type EF Back Geared Motor.

SHUNT WOUND, CONSTANT SPEED, OPEN, SEMI-ENCLOSED, ENCLOSED, LAMINATED CAST-WELDED FIELD POLES, VERY RIGID CONSTRUCTION THROUGHOUT. HEAVY SHAFTS AND SELF-OILING BEARINGS.

Type L—Shunt Speed.

Frames.	Poles.	H. P.	115 Volts.	230 Volts.	500 Volts.
¼	2	¼	1925	1925	2100
½	2	½	1725	1725	1875
¾	2	¾	1550	1550	1675
1	2	1	1325	1325	1450
1	2	2	1950	1950	2100
		Series Speed.			
¼	2	¼	1700	1700	1825
½	2	½	1600	1600	1675
¾	2	¾	1450	1450	1525
1	2	1	1250	1225	1325
1	2	2	1850	1850	2050

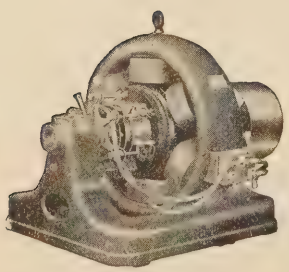
Type EF—Moderate Speed.



Type EF Motor With Sub-Base and Pulley.

Frame.	Poles.	Horse Power Open.	Horse Power Semi Enc.	Horse Power Enc.	Speed 115 and 230 Volts.	500 Volts.
3	4	3	3	2.5	1800	1900
5	4	5	5	4	1700	1850
7.5	4	7.5	7	6	1500	1650
10	4	10	9	7.5	1400	1550
15	4	15	12	10	1300	1350
20	4	20	15	12	1200	1250
25	4	25	20	15	1100	1050
30	6	30	25	18	1000	1050
40	6	40	32	24	975	1025
55	6	55	44	32	900	950
70	6	70	55	40	850	900
			Medium Speed.			
3	4	2	2	1.75	1200	1350
5	4	3	3	2.5	1025	1130
7.5	4	5	5	4	1000	1100
10	4	7.5	7	6	1050	1150
15	4	10	9	7.5	875	975
20	4	15	12	9	900	900
25	4	17.5	15	12	725	775
30	6	20	16	12	660	700
40	6	27	20	15	650	675
55	6	37	28	20	600	625
70	6	45	40	30	565	600
			Slow Speed.			
3	4	1.5	1.5	1.25	925	1000
5	4	2.5	2.5	2	875	975
7.5	4	3.75	3.5	3	800	875
10	4	5	4.5	4	750	775
15	4	7.5	6	5	650	700
20	4	10	8	6	600	600
25	4	12.5	10	7.5	550	550
30	6	15	12	9	500	525
40	6	20	15	12	485	515
55	6	27	20	16	450	475
70	6	35	25	20	425	450

Type LF—Moderate Speed.



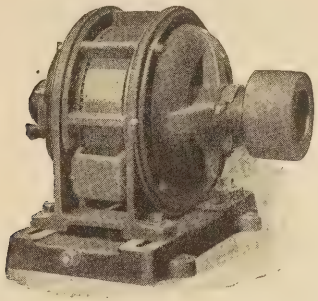
Type LF. Belted Motor.

15	6	50	925	1020
20	6	65	875	965
25	6	85	850	935
37	6	105	700	770
		Medium Speed.		
15	6	35	700	770
20	6	50	650	715
25	6	60	600	660
37	6	90	575	635
		Slow Speed.		
15	6	25	465	515
20	6	32	450	495
25	6	45	425	470
37	6	55	350	385

Prices Furnished on Application. Data on Type PD Motors, Shunt or Series Wound, on Application.

FORT WAYNE INDUCTION MOTORS.

RIGID CONSTRUCTION, HIGH POWER FACTOR, LOW OPERATING TEMPERATURE, HIGH OVERLOAD CAPACITY, SELF-OILING BEARINGS, LAMINATED CORES, CAST IRON FRAMES, NEAT, SIMPLE, DURABLE.



Type M Multiphase Induction Motor.

2 and 3 Phase. 110, 220, 440 and 550 Volts.

60 Cycles				Medium Speed. 40 Cycles				25 Cycles			
Type.	Poles.	H. P.	R. P. M.	Type.	Poles.	H. P.	R. P. M.	Type.	Poles.	H. P.	R. P. M.
MA	4	1	1800	MA	4	1	1200	MA	2	1	1500
MA	4	2	1800	MA	4	1½	1200	MA	2	2	1500
MA	4	3	1800	MA	4	2½	1200	MA	2	3	1500
MA	4	5	1800	MA	4	4	1200	M	2	6	1500
M	6	5	1200	M	4	6	1200	M	2	8	1500
MA	4	7½	1800	M	4	8	1200	M	2	12	1500
M	6	7½	1200	M	4	12	1200	M	4	15	750
M	6	10	1200	M	4	17	1200	M	4	20	750
M	6	15	1200	M	4	22	1200	M	4	30	750
M	6	20	1200	M	6	30	800	M	4	40	750
M	6	25	1200	M	6	40	800	M	4	60	750
M	8	35	900	M	6	60	800	M	4	85	750
M	8	50	900	M	6	85	800	M	6	125	500
M	10	75	720	M	8	125	600	M	6	175	500
M	10	100	720	M	8	175	600	..	..	...	...
M	12	150	600	..	..	...	...	..	..	...	...
M	12	200	600	..	..	...	...	..	..	...	...

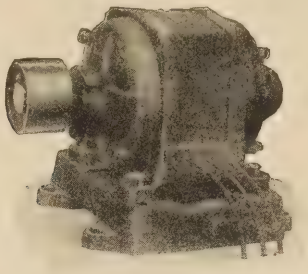
Slow Speed.

MA	6	¾	1200	MA	6	1	800	MA	4	1	750
MA	6	1½	1200	MA	6	2	800	MA	4	2	750
MA	6	2	1200	M	6	2½	800	M	4	3	750
MA	6	3	1200	M	6	4	800	M	4	4	750
M	8	4	900	M	6	6	800	M	4	6	750
M	8	5½	900	M	6	8	800	M	4	9	750
M	8	7½	900	M	6	12	800	M	6	9	500
M	8	10	900	M	6	15	800	M	6	12	500
M	10	12	720	M	8	25	600	M	6	20	500
M	10	15	720	M	8	35	600	M	6	30	500
M	12	25	600	M	10	50	480	M	6	40	500
M	12	35	600	M	10	65	480	M	6	60	500
M	14	55	514	M	12	100	400	M	8	85	375
M	14	75	514	M	12	135	400	M	8	125	375
M	16	110	450	..	..	...	...	..	..	...	...
M	16	150	450	..	..	...	...	..	..	...	...

Prices Furnished on Application.

FORT WAYNE INDUCTION MOTORS.

2 AND 3 PHASE HIGH VOLTAGE. 2080 VOLTS.



Type MA Multiphase Induction Motor.

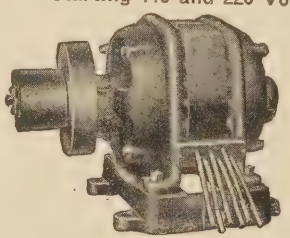
60 Cycles				25 Cycles			
Type.	Poles.	H. P.	R. P. M.	Type.	Poles.	H. P.	R. P. M.
M	8	30	900	M	4	30	750
M	8	40	900	M	4	50	750
M	10	60	720	M	4	75	750
M	10	85	720	M	6	100	500
M	12	125	600	M	6	150	500
M	12	175	600	..	..	...	...
M	14	45	514	..	..	...	...
M	14	65	514	..	..	...	...
M	16	95	450	..	..	...	...
M	16	135	450	..	..	...	...

SMALL INDUCTION MOTORS.

2 and 3 Phase, 110, 220, 440 and 550 Volts.

60 Cycles				60 Cycles			40 Cycles			25 Cycles		
Volts.	Poles.	H. P.	Syn. Spd.	Poles.	H. P.	Syn. Spd.	Poles.	H. P.	Syn. Spd.	Poles.	H. P.	Syn. Spd.
110	4	1/15	1800	4	1/6	1800	4	1/4	1200	2	1/2	1500
220	4	1/15	1800	4	1/4	1800	4	1/2	1200	2	3/4	1500
110	4	1/10	1800	4	1/2	1800	6	1/2	800	4	1/4	750
220	4	1/10	1800	4	3/4	1800	..	...	....	4	1/3	750
110	4	1/8	1800	6	1/3	1200	..	...	....	4	1/2	750
220	4	1/8	1800	6	1/2	1200	..	...	....	..	...	....
110	4	1/6	1800	..	...	....	..	...	....	..	...	....
220	4	1/6	1800	..	...	....	..	...	....	..	...	....

60 Cycle, Self and Hand Starting 110 and 220 Volts. Single Phase.

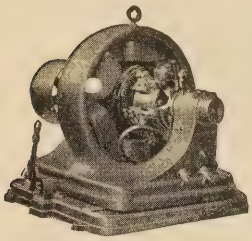


Type S Single Phase Motor.

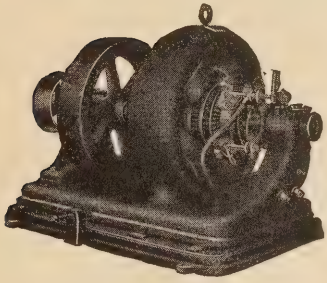
Forms A and D.				Form E.				
Poles.	Form.	H. P.	Syn. Speed.	Poles.	Form.	H. P.	Syn. Speed.	Volts.
4	A	1/4	1800	4	E	1/30	1800	110
4	A	1/2	1800	4	E	1/30	1800	220
4	D	1/6	1800	4	E	1/15	1800	110
4	D	1/4	1800	4	E	1/15	1800	220
4	D	1/2	1800	4	E	1/10	1800	110
4	D	1	1800	4	E	1/10	1800	220
4	D	2	1800	4	E	1/8	1800	110
4	D	3	1800	4	E	1/8	1800	220
4	D	5	1800	4	E	1/6	1800	110
4	D	7 1/2	1800	4	E	1/6	1800	220
4	D	10	1800					
4	D	15	1800					

FORT WAYNE DIRECT CURRENT GENERATORS.

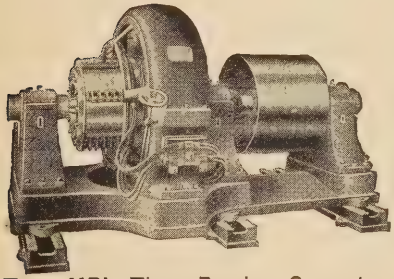
BELTED—TYPE ML 125-250 AND 500 VOLTS.



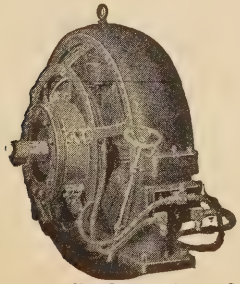
Type ML Generator.



Type ML Generator With Balance Wheel.



Type MPL Three-Bearing Generator.



Type MPL Engine Driven Generator.

Moderate Speed.				Medium Speed.			
Frame	Poles	K. W.	R. P. M.	Frame	Poles	K. W.	R.P.M.
B	4	1.5	2200	B	4	1	1550
C	4	2.5	1800	C	4	2	1500
D	4	6	1850	D	4	4	1350
E	4	7.5	1600	E	4	6	1275
F	4	10	1400	F	4	7.5	1050
G	4	16	1250	G	4	12	950
H	6	22	1200	H	6	16	875
I	6	30	1050	I	6	25	875
Slow Speed.							
B	4	.75	1200	..	..	....	....
C	4	1.5	1150	..	..	....	....
D	4	3	1050	..	..	....	....
E	4	4	875	..	..	....	....
F	4	5	700	..	..	....	....
G	4	8	650	..	..	....	....
H	6	11	600	..	..	....	....
I	6	15	525	..	..	....	....

TYPE ML.

Moderate Speed.				Medium Speed.			
B	4	1.5	2200	B	4	1	1550
C	4	2.5	1800	C	4	2	1500
C	4	3	2000	D	4	4	1350
D	4	6	1850	D	4	5	1700
E	4	7.5	1600	E	4	6	1275
F	4	10	1400	F	4	7.5	1050
G	4	16	1250	G	4	12	950
H	6	22	1200	H	6	16	875
I	6	30	1050	I	6	25	875
Slow Speed.				..	..	....	....
B	4	.75	1200	..	..	....	....
C	4	1.5	1150	..	..	....	....
D	4	3	1050	..	..	....	....
E	4	4	875	..	..	....	....
F	4	5	700	..	..	....	....
G	4	8	650	..	..	....	....
H	6	11	600	..	..	....	....
I	6	15	525				

TYPE LF.

Moderate Speed.				Medium Speed.			
15	6	40	1000	15	6	30	750
20	6	55	950	20	6	40	700
25	6	70	925	25	6	50	650
37	6	90	750	37	6	75	620
Slow Speed.							
15	6	20	500	..	..	..	...
20	6	27	475	..	..	..	...
25	6	35	465	..	..	..	...
37	6	45	375	..	..	..	...

TYPE MPL.

125, 250 and 500 Volts.				250 and 500 Volts.			
Poles	K.W.	R.P.M.	Bearings.	Poles	K.W.	R.P.M.	
6	100	550	Two	8	250	500	
6	100	550	Three	..	...	...	
6	150	550	Two	8	300	400	
6	150	550	Three	..	...	...	
6	200	550	Three	8	400	400	

ENGINE DRIVEN—TYPE MPL.

125, 250 and 575 Volts.			250 and 575 Volts.		
Hor. Split Field Frame.			Ver. Split Field Frame.		
6	15	375	10	250	150
6	20	350	8	250	150
6	25	325	10	300	150
6	37.5	310	8	300	150
6	50	275	10	400	150
6	75	275	10	400	120
6	100	275	10	400	100
8	125	250	10	500	120
8	150	200	10	500	100
8	200	200	16	500	80
8	200	150	12	500	80
..	....	...	16	800	120

FORT WAYNE ALTERNATING CURRENT GENERATORS.

TYPE WAL SINGLE PHASE WITH BELTED EXCITER. 60 CYCLES 1000-1150, AND 2000-2300 VOLTS COMPOUNDED.

Type WAL Single Phase Alternator.

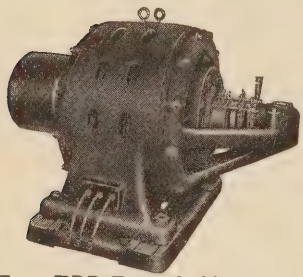
Medium Speed.

Generator.				Exciter.		
Poles	K. W. 40°.	R. P. M.	Frame.	Poles.	K. W.	R. P. M
8	70	900	C	4	2	1500
8	105	900	C	4	2	1500
10	140	720	D	4	4	1350
12	210	600	D	4	4	1350
		Slow Speed.				
8	45	900	B	4	1	1550
12	90	600	C	4	2	1500
16	180	450	D	4	4	1350
16	180	450	D	4	4	1350

TWO AND THREE PHASE. 240, 480, 600, 1150 AND 2300 VOLTS. 60 CYCLES.

Types TRB and QRB—Form A.

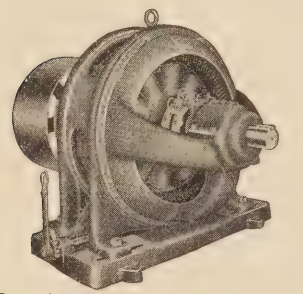
With Belted Exciter. With Direct Connected Exciter.



Type TRB Form A Alternator.

		K. W. 80 per cent.				K. W. 80 per cent.	
Poles	Frames	R. P. M.	P. F.	Poles	Frame	R. P. M.	P. F.
6	30	1200	30	6	30	1200	30
6	50	1200	50	6	50	1200	50
8	75	900	75	8	75	900	75
8	100	900	100	8	100	900	100
12	150	600	150	12	150	600	150
12	200	600	200	12	200	600	200

Form B—With Belted Exciter.



Type TRB Form B Alternator.

Poles	K. W. 100 per cent. P.F.	R. P M.
6	50	1200
6	75	1200
8	100	900
8	150	900
10	200	720

60 CYCLES.

Type TRE and QRE—Form E.

With Belter Exciter. With Direct Connected Exciter.

	K. W.			K. W.	
Poles.	100 per cent.	P.F.	R. P. M.	100 per cent.	P.F.	R.P.M.
24	50		300	50		300
26	70		276	70		276
28	105		257	105		257
32	150		225	150		225
36	240		200	240		200
48	250		150			
48	360		150			
60	360		120			
72	450		100			
48	540		150			
60	540		120			
72	540		100			

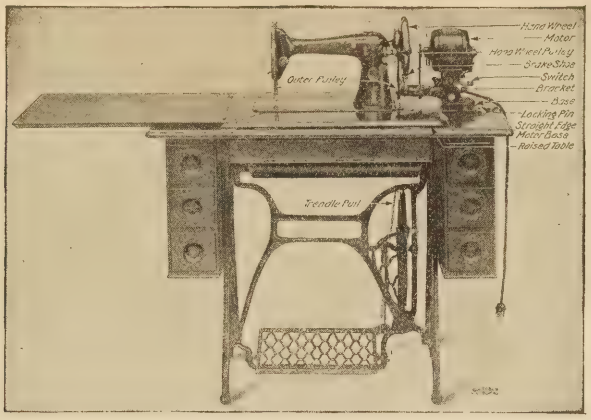
Type TRE Form D Alternator.

Form D.

32	85	225
32	100	225
36	125	200
32	150	225
44	160	164
44	180	164
36	250	200
44	300	164

Type TRE Form E Alternator.

G. E. SEWING MACHINE MOTORS.



FAMILY SIZE SEWING MACHINE OUTFITS.

Alternating Current.—60, 40 and 25 Cycles.

†Catalogue No. *Form HC Motor.	†Catalogue No. *Form KC Motor.	Type.	H. P.	Speed (Sync).	Cycles.	Volts.	Approximate Weight in Lbs. Net Form HC.	Net Form KC.	Shipping Form HC.	Shipping Form KC.	List Price Each
68148	68154	DSS	1/30	1800	60	110	19	18	30	29	$32.00
68149	68155	DSS	1/30	1800	60	220	19	18	30	29	34.00
68150	68156	DSS	1/30	2400	40	110	19	18	30	29	32.00
88464	88465	DSS	1/30	2400	40	120	19	18	30	29	32.00
68151	68157	DSS	1/30	2400	40	220	19	18	30	29	34.00
68152	68158	DSS	1/40	1500	25	110	19	18	30	29	33.00
68153	68159	DSS	1/40	1500	25	220	19	18	30	29	35.00

Continuous Current.—Shunt Wound.

*Form H Motor.	*Form K Motor.	Type.	H. P.	Approx. Speed.	Volts.	Form H.	Form K.	Form H.	Form K.	
68144	68146	DSD	1/30	4700	110	19	18	30	29	32.00
68145	68147	DSD	1/30	1700	220	19	18	30	29	34.00

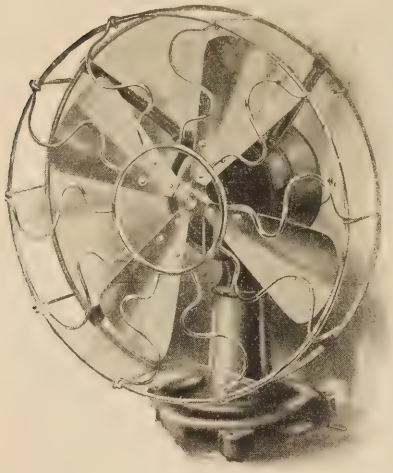
†Manufacturers' No. covers the outfit complete, consisting of motor with self contained belt tightener device, base plate with screws and cover, indicating switch, ten (10) feet of cord with Edison attaching plug treadle pull and leather belt. Bobbin winder is supplied only with Form HC and Form H outfits.

*Form HC and H motors are applicable to most makes of high arm sewing machines. Form HC and H motors are adapted for use with low arm or automatic type sewing machines, e. g.—Wilcox and Gibbs, etc.

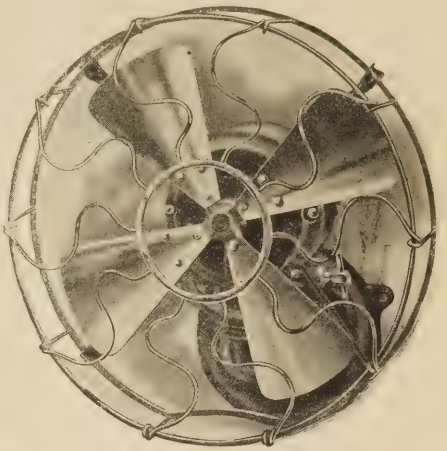
Prices are f. o. b. factory, no extra charge for boxing, and subject to change at any time without notice.

Note.—In ordering give Manufacturers' No. of outfit, make and style of sewing machine, and direction of rotation of top of hand wheel. Unless otherwise specified, motors are furnished to run hand wheel toward the operator.

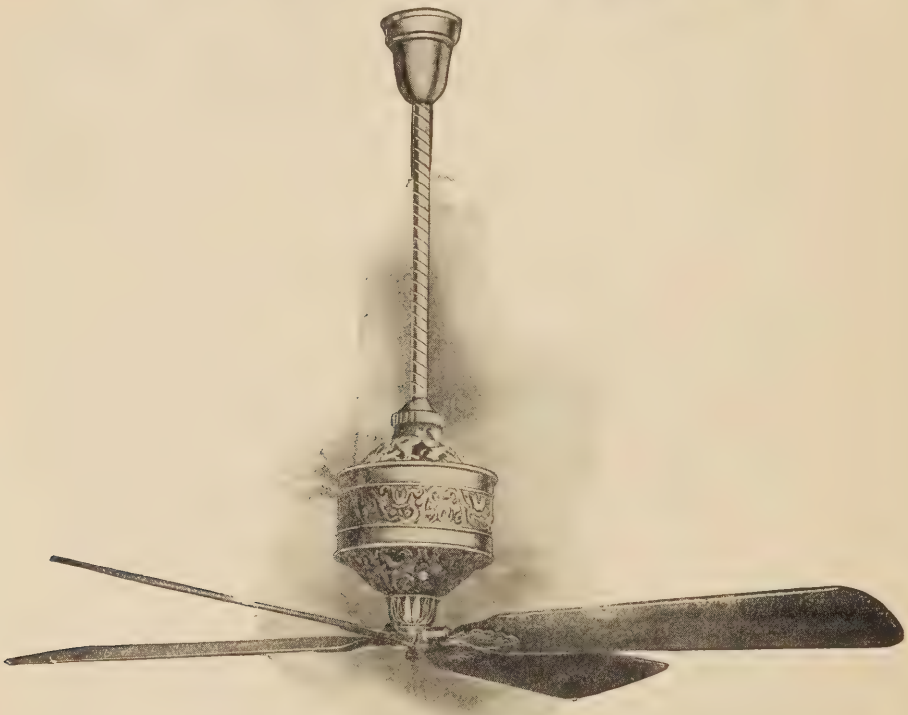
FANS.



DESK FAN.



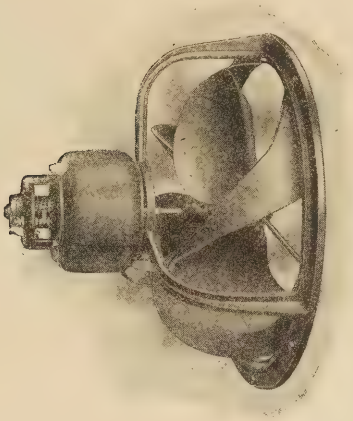
BRACKET FAN.



CEILING FAN.

WE CARRY A FULL LINE OF ELECTRIC FANS FOR BOTH DIRECT AND ALTERNATING CURRENT. SPECIAL CATALOGUE SENT ON REQUEST.

VENTILATING FANS.



These electric fans are now used for ventilating offices, stores, schools, factories, churches and all kinds of buildings, both public and private; also in connection with steam heating systems, for the heating of factories and buildings and in the drying of lumber, hides, textiles and other materials.

In any branch of manufacture they are of great value where the removal of moisture by the movement of large quantities of air at low pressure is required; in laboratories and chemical works they are employed for withdrawing noxious fumes and gases.

These fans consist of our Form L Motors direct-connected by substantial arms to the wall ring and carrying on the armature shaft a propeller type of fan of the latest design.

They may be attached to the wall or ventilating duct, and may be furnished for operating in a vertical position.

Stock sizes of these fans are 18 inches, 24 inches, 30 inches, and 36 inches. Larger sizes can be furnished on special order.

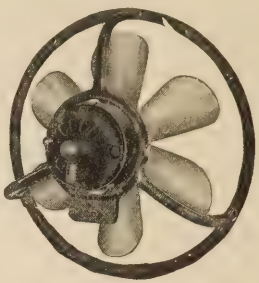
The motors are generally of the open type shown above, but when the fan is to operate in a moist or dusty atmosphere, enclosing covers are supplied; price, $2.00 extra.

Code Word.	List No.	Size of Fan.	R. P. M.	Voltage.	Fan and Motor Complete.	Additional for Starter.	Additional for Regulator.
Zabuhav	12030	18 in.	900	115 & 230	Prices on application.		
		18 in.	900	500			
Zabuhaw	12031	24 in.	625	115 & 230			
		24 in.	625	500			
Zabuhax	12032	30 in.	550	115 & 230			
		30 in.	550	500			
Zabuhay	12033	36 in.	500	115 & 230			
		36 in.	500	500			

G. E. VENTILATING FANS.

12 AND 16 INCH, ALTERNATING AND DIRECT CURRENT.

Direct Current.



Alternating Current.
60 Cycle.

DIRECT CURRENT OUTFITS.

Code Word.	List No.	Mfr. No.	Diameter. of Fan.	Volts.	List Price Each.
Zababev	46997	34009	12 inch	110	$23.00
Zababew	46998	34010	12 inch	220	25.00
Zababex	46999	34011	16 inch	110	31.00
Zababey	47000	34012	16 inch	220	33.00

Note.—Above prices for direct current outfits do not include speed controllers.

ALTERNATING CURRENT OUTFITS.

					Cycles.	
Zababez	47001	35307	12 inch	110	25	30.00
Zababi	47002	35308	12 inch	120	40	28.00
Zababib	47003	34025	12 inch	110	60	27.00
Zababid	47004	34026	12 inch	220	60	29.00
Zababif	47005	58298	16 inch	110	25	36.00
Zababig	47006	58299	16 inch	120	40	34.00
Zababih	47007	34029	16 inch	110	60	33.00
Zababik	47008	34030	16 inch	220	60	35.00

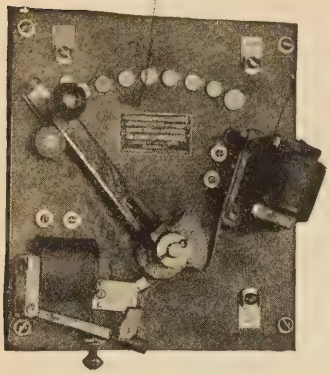
Note.—The outfits consist of motor complete with six-blade fan and tripod, together with a separate starting device with which is combined a three speed controller in the same box.

SPEED CONTROLLERS FOR DIRECT CURRENT MOTORS.

Zababil	47009	34034	12 inch	115	4.50
Zababim	47010	34035	12 inch	230	5.00
Zababin	47011	34036	16 inch	115	5.00
Zababip	47012	34037	16 inch	230	5.50

Speed controllers are furnished for direct current motors, only on special order.

C. & H. OVERLOAD MOTOR SPEED-REGULATORS.



Speed reduction 50 per cent. when motor is working at rated load of controller.

LIST PRICES.

Code Word.	List No.	H. P.	120 VOLTS. Code Word. Deterge.	120 VOLTS. Code Word. Determine.	220 VOLTS. Code Word. Detest.	220 VOLTS. Code Word. Dethorne.	500 VOLTS. Code Word. Detonate.	500 VOLTS. Code Word. Detour.
Develops	12628	¼	$16.00	$16.00	$16.00	$16.00	$17.00	$17.00
Devested	12625	½	17.00	17.00	17.00	17.00	18.00	18.00
Deviated	12630	1	19.00	24.00	19.00	24.00	19.00	24.00
Devices	12631	2	26.00	31.00	26.00	31.00	26.00	31.00
Deviously	12632	3	31.00	36.00	31.00	36.00	31.00	36.00
Devised	12633	5	44.00	48.00	44.00	58.00	56.00	58.00
Devisees	12634	7½	58.00	58.00	58.00	70.00	68.00	70.00
Devoids	12635	10	73.00	73.00	73.00	73.00	83.00	93.00
Devolved	12636	15	100.00	100.00	80.00	80.00	92.00	112.00
Devoted	12637	20	119.00	129.00	104.00	114.00	124.00	134.00
Devotees	12638	25	149.00	149.00	144.00	144.00	144.00	144.00
Devotions	12639	30	170.00	170.00	160.00	160.00	160.00	160.00
Devoured	12640	35	200.00	200.00	200.00	200.00	200.00	200.00
Devouts	12641	40	240.00	240.00	220.00	220.00	220.00	220.00
Dewy	12642	50	300.00	300.00	280.00	280.00	280.00	280.00

C. & H. UNIVERSAL MOTOR SPEED-REGULATORS.

Code Word.	List No.	H. P.	List Prices Code Word. 110 V. Detract.	List Prices Code Word. 220 V. Detriment.	List Prices Code Word. 500 V. Devastate.
Dexteritys	12643	¼	$27.50	$27.50	$30.00
Dexterousy	12644	½	30.00	30.00	33.00
Dextrins	12645	1	35.00	35.00	35.00
Dextrously	12646	2	42.00	42.00	42.00
Diabetics	12647	3	45.00	45.00	45.00
Diabolics	12648	5	70.00	70.00	82.00
Diacriticy	12649	7½	90.00	90.00	100.00
Diadems	12650	10	100.00	96.00	108.00
Diaeresisy	12651	15	155.00	116.00	140.00
Diagnosisy	12652	20	180.00	150.00	170.00
Diagonals	12653	25	240.00	185.00	185.00
Diagrams	12654	30	264.00	207.00	200.00
Dialects	12655	35	300.00	275.00	260.00
Dialogued	12656	40	335.00	320.00	300.00
Diameters	12657	50	410.00	380.00	360.00

PRICE FOR MACHINE ON APPLICATION.

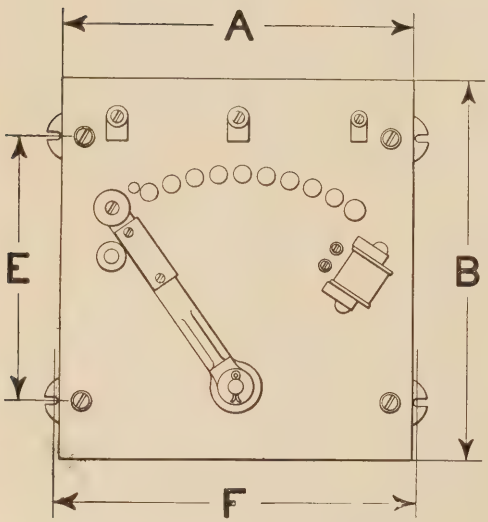
The style of front furnished varies with the current carrying capacity required.

Includes every device necessary for the installation and protection of a motor.

Speed reduction 50 per cent. when motor is working at rated load of controller.

C. AND H. MOTOR STARTING RHEOSTATS.

Style "A" Front.



WITH NO-VOLTAGE RELEASE.

Protects the motor from the damage liable to follow an interrupted current. The least expensive motor starter that is safe to use on any installation.

125 VOLTS.

Code Word.	List No.	H. P.	Front.	List Price, Each.
Zadukup	32793	¼	A-A	$5.00
Zadukur	32794	½	A-A	6.60
Zadukus	32795	1	A	6.60
Zadukut	32796	2	A	6.60
Zadukuv	32797	3	A	7.30
Zadukuw	32798	4	B	12.00
Zadukux	32799	5	B	12.20
Zadukuy	32800	7½	B	19.40
Zadukuz	32801	10	C	23.20
Zadula	32802	15	C	30.00
Zadulab	32803	20	C	33.00
Zadulac	32804	25	D	39.00
Zadulad	32805	30	D	44.00
Zadulaf	32806	35	D	48.00
Zadulag	32807	40	M-S	90.00
Zadulah	32808	50	M-S	110.00

240 VOLTS.

Zadulak	32809	¼	A-A	5.00
Zadulal	32810	½	A-A	6.60
Zadulam	32811	1	A	6.60
Zadulan	32812	2	A	6.60
Zadulap	32813	3	A	7.30
Zadular	32814	4	A	9.00
Zadulas	32815	5	A	11.00
Zadulat	32816	7½	B	14.00
Zadulav	32817	10	B	16.00
Zadulaw	32818	15	B	22.00
Zadulax	32819	20	C	30.00
Zadulay	32820	25	C-D	33.00
Zadulaz	32821	30	C-D	39.00
Zadule	32822	35	C-D	42.00
Zaduleb	32823	40	D	48.00
Zadulec	32824	50	D	60.00

500 VOLTS.

Zafadow	33425	¼	A-A	5.50
Zafadox	33426	½	A-A	7.00
Zafadoy	33427	1	A	7.00
Zafadoz	33428	2	A	7.00
Zafadu	33429	3	A	7.50
Zafadub	33430	4	A	9.00
Zafaduc	33431	5	A	11.00
Zafadud	33432	7½	A	14.00
Zafaduf	33433	10	B	16.00
Zafadug	33434	15	B	22.00
Zafaduh	33435	20	B	27.00
Zafaduk	33436	25	C	30.00
Zafadul	33437	30	C-D	36.00
Zafadum	33438	35	C-D	42.00
Zafadun	33439	40	C-D	48.00
Zafadup	33440	50	D	60.00

DIMENSIONS OF C. AND H. WALL TYPE STARTING RHEOSTATS.

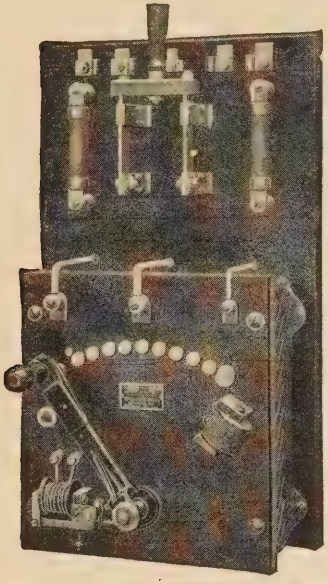
H. P.	Volts.	A.	B.	E.	F.	H. P.	Volts.	A.	B.	E.	F.
¼-½	All	6½	7	7	6¼	15	All	12	13	8	12½
1-2	All	8	9	9⅛	8¼	20	All	12	13	8⅜	12⅞
3	110	8	9	9¼	8⅜	25-35	110	16	18	10¾	16¾
3-5	220-500	8	9	9¼	8⅜	25-30	220	16	14	8⅜	16½
4-5	110	12	13	9	12½	35	220	16	14	10¾	16¾
7½	110-220	12	13	9	12½	25-40	500	16	14	8⅜	16½
7½	500	8	9	9	8¾	40-50	220	16	18	10¾	16¾
10	All	12	13	8	12½	50	500	16	18	10¾	16¾

Slight variations from these dimensions may be expected.

For motors over 35 H. P. (especially in 500 volts) starting under overload, we strongly recommend the use of our Multiple Switch Starting Rheostats.

Prices on starters above 50 H. P. on application.

C. AND H. MOTOR STARTERS AND STARTING RHEOSTATS.

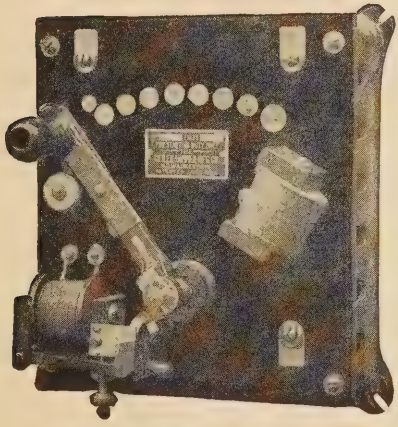


UNIVERSAL MOTOR STARTER.

Includes Knife Switch and Fuses, Overload and Current Indicator, and Magnetic Release.

Code Word.	List No.	H. P.	List Prices. CodeWd. Zafaheh. 125 V.	CodeWd. Zafahek. 240 V.	CodeWd. Zafahel. 500 V.
Zabecew	49466	¼ to 2	$20.00	$20.00	$20.00
Zabecex	49467	3	21.00	21.00	21.00
Zabenez	49468	5	28.00	28.00	25.00
Zabeci	49469	7½	33.00	30.00	25 00
Zabecib	49470	10	52.00	31.00	31.00
Zabecid	49471	15	60.00	35.00	35 00
Zabecif	49472	20	65.00	59.00	38.00
Zabecig	49473	25	86.00	63.00	59.00
Zabecih	49474	30	90.00	65.00	63.00
Zabecik	49475	35	92.00	65.00	63.00
Zabecil	49476	40	....	90.00	80.00
Zabecim	49477	50	....	95.00	85.00

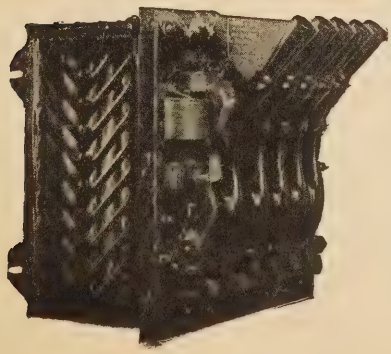
Prices above 50 H. P. on application.



OVERLOAD MOTOR STARTERS.

			Zafahem.	Zafahen.	Zafahep.
Zabecin	49478	½ to 2	10.60	10.60	11.00
Zabecip	49479	3	11.30	11.30	11.50
Zabecir	49480	4	16.00	13.00	13.00
Zabecis	49481	5	16.20	15.00	15.00
Zabecit	49482	7½	24.40	19.60	19.60
Zabeciv	49483	10	30.20	21.00	21.00
Zaebciw	49484	15	37.00	28.00	28.00
Zabecix	49485	20	40.00	37.00	34.00
Zabeciz	49486	25	46.00	40.00	37.00
Zabeco	49487	30	54.00	48.00	44.00
Zabecob	49488	35	58.00	52.00	50.00
Zabecod	49489	40	110.00	58.00	56.00
Zabecof	49490	50	130.00	70.00	68.00

The overload movement can be set for any flow of current or degree of overload not exceeding 50 per cent. above the rated capacity of the motor, by means of the accurately calibrated scale. This scale can also be used to determine the amount of current being consumed by the motor.



MULTIPLE SWITCH STARTING RHEOSTATS.

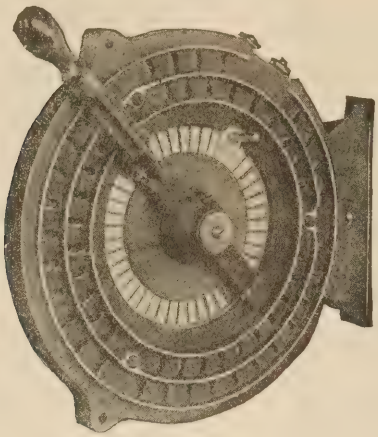
WITH AUTOMATIC RELEASE.

			Zafaher. 110 V.	Zafahes. 220 V.	Zafahet. 500 V.
Zabecog	49491	10	50.00	50.00	50.00
Zabecoh	49492	15	54.00	54.00	54.00
Zabecok	49493	20	60.00	60.00	60.00
Zabecol	49494	25	70.00	70.00	70.00
Zabecom	49495	30	70.00	70.00	70.00
Zabecon	49496	35	70.00	70.00	70.00
Zabecop	49497	40	90.00	90.00	90.00
Zabecor	49498	45	100.00	90.00	90.00
Zabeocs	49499	50	110.00	90.00	90.00
Zabecot	49500	55	120.00	100.00	100.00
Zabecov	49501	60	130.00	110.00	100.00
Zabecow	49502	65	140.00	120.00	110.00

Prices above 65 H. P. furnished on application.

C. AND H. "SIMPLICITY" DIMMERS.

SINGLE PLATE.



Single Plate "Simplicity" Dimmer.

Type 3.—For mounting flat against the wall or switchboard.

Type 4.—For mounting at angles against the wall or switchboard.

2 WIRE FOR 50 VOLT CIRCUIT.

Code Word.	List No.	No. 16 C. P. Lts.	Maximum Amperes. First Step.	Maximum Amperes. Last Step.	Size Plate. Inches.	List Price, Each. Type 3.	List Price, Each. Type 4.
Zadukal	32710	4	4.	1.	9	$9.50	$11.75
Zadukam	32711	6	6.	1.25	9	9.50	11.75
Zadukan	32712	10	10.	2.5	9	9.50	11.75
Zadukap	32713	12	12.	3.	9	9.50	11.75
Zadukar	32714	15	15.	3.75	12	13.50	15.75
Zadukas	32715	20	20.	5.	12	13.50	15.75
Zadukat	32716	25	25.	6.25	12	13.50	15.75
Zadukav	32717	30	30.	7.5	16	19.00	21.25
Zadukaw	32718	40	40.	10.	16	19.00	21.25
Zadukax	32719	50	50.	12.5	16	19.00	21.25

2 WIRE FOR 110 VOLT CIRCUIT.

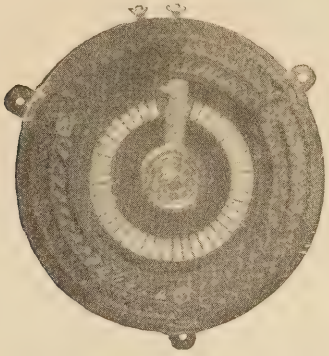
Zadukay	32720	4	2.	.5	9	9.50	11.75
Zadukaz	32721	6	3.	.75	9	9.50	11.75
Zaduke	32722	10	5.	1.25	9	9.50	11.75
Zadukeb	32723	12	6.	1.5	9	9.50	11.75
Zadukec	32724	15	7.5	1.88	12	13.50	15.75
Zaduked	32725	20	10.	2.5	12	13.50	15.75
Zadukef	32726	25	12.5	3.12	12	13.50	15.75
Zadukeg	32727	30	15.	3.75	16	19.00	21.25
Zadukeh	32728	40	20.	5.	16	19.00	21.25
Zadukek	32729	50	25.	6.25	16	19.00	21.25

2 WIRE FOR 220 VOLT CIRCUIT.

Zadukel	32730	4	1.	.25	12	13.50	15.75
Zadukem	32731	6	1.5	.37	12	13.50	15.75
Zaduken	32732	10	2.5	.62	12	13.50	15.75
Zadukep	32733	12	3.	.75	12	13.50	15.75
Zadukeг	32734	15	3.75	.93	12	13.50	15.75
Zadukes	32735	20	5.	1.25	12	13.50	15.75
Zaduket	32736	25	6.25	1.56	12	13.50	15.75
Zadukev	32737	30	7.5	1.87	16	19.00	21.25
Zadukew	32738	40	10.	2.5	16	19.00	21.25
Zadukex	32739	50	12.5	3.12	16	19.00	21.25

C. AND H. FIELD REGULATORS.

FOR MOUNTING ON FRONT OF SWITCHBOARD.



15 Inch Regulator.

125 Volts.

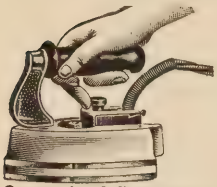
Code Word.	List No.	Mfr. No.	Maximum Amps. First Step.	Maximum Amps. Last Step.	Ohms of Field to which Rheostat is Well Suited.	Total Ohms of Rheostat.	No. of Contacts.	Diam. and No. of Plates.	List Price, Each.
Zadulis	32855	1160	.5	.25	300-250	300.	26	9 One	$6.80
Zadulit	32856	1161	.63	.31	250-200	240.	26	9 One	6.80
Zaduliv	32857	1162	.75	.38	200-165	200.	26	9 One	6.80
Zaduliw	32858	1163	1.	.50	165-125	150.	26	9 One	6.80
Zadulix	32859	1164	1.25	.63	125-100	120.	26	9 One	6.80
Zaduliy	32860	1165	1.5	.75	100- 80	100.	26	9 One	6.80
Zaduliz	32861	1166	2.	1.	80- 60	75.	26	9 One	6.80
Zadulo	32862	1167	2.5	1.25	60- 50	60.	26	9 One	6.80
Zadulob	32863	1168	3.	1.5	50- 40	50.	26	9 One	6.80
Zaduloc	32864	1169	4.	2.	40- 30	37.5	26	9 One	6.80
Zadulod	32865	1170	5.	2.5	30- 25	30.	45	12 One	9.40
Zadulof	32866	1171	6.	3.	25- 20	25.	45	12 One	9.40
Zadulog	32867	1172	8.	4.	20- 16	18.8	45	12 One	9.40
Zaduloh	32868	1173	10.	5.	16- 13	15.	65	15 One	11.80
Zadulok	32869	1174	12.5	6.3	13- 10	12.	65	15 One	11.80
Zadulol	32870	1175	16.	8.	10- 8	9.4	130	15 Two	26.60
Zadulom	32871	1176	20.	.10	8-6.5	7.5	130	15 Two	26.60
Zadulon	32872	1177	25.	12.5	6.5-5.	6.3	130	15 Two	26.60
Zadulop	32873	1178	30.	15.	5. -4.2	5.	130	15 Three	39.50
Zadulor	32874	1179	40.	20.	4.2-5.1	3.75	130	15 Four	53.00
Zadulos	32875	1180	50.	25.	3.1-3.5	3.	130	15 Five	66.00
Zadulot	32876	1181	60.	30.	2.5-2.1	2.5	130	15 Six	80.00

250 Volts.

Zafahan	33574	1260	1.	.5	300-250	300.	26	9 One	6.80
Zafahap	33575	1261	1.25	.63	250-200	240.	26	9 One	6.80
Zafahar	33576	1262	1.5	.75	200-165	200.	26	9 One	6.80
Zafahas	33577	1263	2.	1.	165-125	150.	26	9 One	6.80
Zafahat	33578	1264	2.5	1.25	125-100	120.	45	12 One	9.40
Zafahav	33579	1265	3.	1.5	100- 85	100.	45	12 One	9.40
Zafahaw	33580	1266	4.	2.	85- 63	75.	45	12 One	9.40
Zafahax	33581	1267	5.	2.5	63- 50	60.	65	15 One	11.80
Zafahay	33582	2168	6.3	3.2	50- 40	48.	65	15 One	11.80
Zafahaz	33583	1269	8.	4.	40- 30	37.5	130	15 Two	26.60
Zafaha-	33584	1270	10.	5.	30- 25	30.	130	15 Two	26.60
Zafaheb	33585	1271	12.5	6.3	25- 20	25.	130	15 Two	26.60
Zafahec	33586	1272	15.	7.5	20-16.5	20.	130	15 Three	39.50
Zafahed	33587	1273	20.	10.	16.5-12.5	15.	130	15 Four	53 00
Zafahef	33588	1274	25.	12.5	12.5-10	12.	130	15 Five	66.00
Zafaheg	33589	1275	30.	15.	10- 8.3	10.	130	15 Six	80.00

PELOUZE "EXEMPLAR" UNIVERSAL FLAT IRONS.

"Exemplar" Flat Irons Save in Current Over Other Makes and Are More Efficient.



Control of Temperature at the Iron.

The mechanical and electrical advantages are:

1. Ease of controlling the current and temperature by means of a switch plug at the iron, by a simple movement of the hand.

2. The heating element exerts all its heat directly on the bottom of the iron, which insures a great saving of current otherwise wasted, and produces sufficient heat for operation in three minutes.

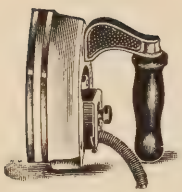
3. The heating element is absolutely permanent, and can only become defective through unusual accident or abuse. A new heating element can be mailed and replaced by anyone at small cost, thus insuring a perpetual iron. Heating elements guaranteed for one year.

4. No extra stand is required for the "Exemplar" iron—simply tip back the iron until it rests on handle—a great saving of labor.

5. The handle is firmly supported at one end only; and is, therefore, easier and quicker to operate.

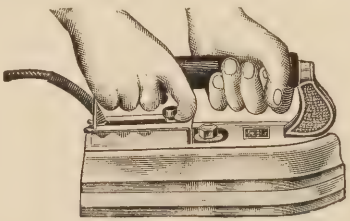
6. The top of iron is filled with asbestos, which prevents it from becoming hot while in use.

7. The point and edges of the "Exemplar" iron are always the hottest. This is where the greatest heat should be to produce the quickest and best results.



When Not in Use.

The "Exemplar" iron can be used on either direct or alternating current. Every iron is furnished with cord and attachment plug ready for use.



20-lb. Tailor's Goose.

The new 20-lb. Tailor's Goose is constructed upon the same principles of efficiency as the other irons. Economy of current is more important here than in any other iron, not because of its size alone, but as the heat is on during the entire day.

The three heat control makes this type of iron very popular, as it not only effects a saving in current but allows different heating temperatures for varying grades of work.

When not in service the iron is left on with the lowest heat and will maintain just the proper temperature at which to commence work. By a slight movement of the hand the operator can easily regulate the temperature to suit his requirements. At its three different heats the current consumption of the "Exemplar" iron is 200, 400 and 800 watts, respectively.

Each iron comes packed in separate carton.

Code Word.	List No.		Size.	Watts.	List Price Each.
Zabafus	815	4 -lb. Traveling or Sewing-room Iron	3 x 5⅞	250	$5.00
Zabafut	816	6½-lb. Domestic Iron	4 x 6	450	5.00
Zabafuv	817	9 -lb. Commercial Iron	4½ x 6¾	600	7.00
Zabafuw	819	20 -lb. Tailor's Goose, 3 heats	3¾ x 11	800	12.50

Write for special contract proposition.

Mention voltage used in your city when ordering.

G. E. COOKING AND BAKING OUTFIT.

Form 1.

FORM 1.

The Form 1 Cooking and Baking Outfit is suitable for use in families of from two to four persons. This outfit consists of hardwood table, finished in mission style, completely wired and ready for connecting to central station lines; **two quart Cereal Cooker, two quart Tea Kettle, three pint Coffee Percolator, seven inch Frying Pan, Broiler, Grid and Oven.**

The table is 24 inches broad, 42 inches long and stands 30 inches from the floor. The back of the table is 12 inches high and makes a very neat and convenient switchboard.

The table can be used on 2 or 3-wire circuits. A main cut-out to which the central station lines are attached protects them from overloads and short circuits. This cut-out is covered by a small asbestos lined box so that fuses can be readily renewed without moving the table.

Prices Will Be Given on Application.

FORM 2.

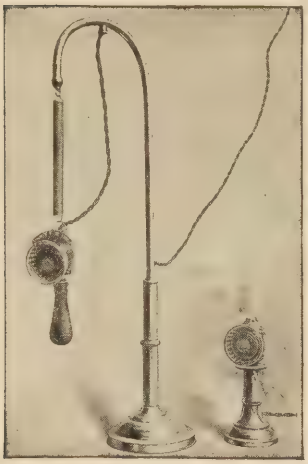
To accommodate a family of five or more persons, the General Electric Company has designed the Form 2 Cooking and Baking Outfit. This consists of a large hardwood table and oven stand, finished in mission style, **two quart Cereal Cooker, four quart Tea Kettle, Coffee Percolator, ten inch Frying Pan, Broiler, Grid, Oven and four quart Combination Cooker.**

The table is 28 inches high, 24 inches wide and 42 inches long, with a switchboard extending up 28 inches on which the necessary switches, cut-outs, and pilot lamps are placed. This table has two cupboards for keeping cooking devices that are not in use, also two drawers for kitchen articles.

Prices Will Be Given on Application.

Form 2.

G. E. CIGAR LIGHTERS.



Continuous Gooseneck Type.

Continuous Telephone Type.

Intermittent Pendant Type.

Intermittent Table Type.

DESK OR TABLE TYPE—INTERMITTENT.

These Types Are Not Suited for Cigar Stand or Public Use.

INTERMITTENT TABLE TYPE.

Oxidized Fnish.

Code Word.	List No.	Mfr. No.		List Price Each.
Zabunen	12468	75234	75 Watts, 95-105 Volts.	$2.75
Zabunep	12469	75920	75 Watts, 106-115 Volts.	2.75
Zabuner	12470	75921	75 Watts, 116-125 Volts.	2.75

INTERMITTENT PENDANT TYPE.

Oxidized Finish.

Zabunes	12471	39523	75 Watts, 95-105 Volts.	2.75
Zabunet	12472	75922	75 Watts, 106-115 Volts.	2.75
Zabunev	12473	75927	75 Watts, 116-125 Volts.	2.75

CONTINUOUS PENDANT TYPE.

Nickel Finish.

Zabunew	12474	75235	25 Watts, 95-102 Volts.	2.50
Zabunex	12475	77039	25 Watts, 103-107 Volts.	2.50
Zabuney	12476	75925	25 Watts, 108-112 Volts.	2.50
Zabunez	12477	77040	25 Watts, 113-117 Volts.	2.50
Zabuni	12478	77041	25 Watts, 118-122 Volts.	2.50
Zabunib	12479	75926	25 Watts, 123-127 Volts.	2.50

CONTINUOUS TELEPHONE TYPE.

Oxidized Finish.

Zabunic	12480	77028	25 Watts, 95-102 Volts.	3.75
Zabunid	12481	77029	25 Watts, 103-107 Volts.	3.75
Zabunif	12482	77030	25 Watts, 108-112 Volts.	3.75
Zabunig	12483	77036	25 Watts, 113-117 Volts.	3.75
Zabunih	12484	77037	25 Watts, 118-122 Volts.	3.75
Zabunik	12485	77038	25 Watts, 123-127 Volts.	3.75

CONTINUOUS GOOSE NECK TYPE.

Oxidized Finish.

Zabunil	12486	77031	25 Watts, 95-102 Volts.	6.50
Zabunim	12487	77032	25 Watts, 103-107 Volts.	6.50
Zabunin	12488	77033	25 Watts, 108-112 Volts.	6.50
Zabunip	12489	77042	25 Watts, 113-117 Volts.	6.50
Zabunir	12490	77043	25 Watts, 118-122 Volts.	6.50
Zabunis	12491	77044	25 Watts, 123-127 Volts.	6.50

INTERMITTENT CIGAR LIGHTER PLUGS.

Zabunit	12492	75236	75 Watts, 95-105 Volts.	1.00
Zabuniv	12493	75237	75 Watts, 106-115 Volts.	1.00
Zabuniw	12494	75238	75 Watts, 116-125 Volts.	1.00

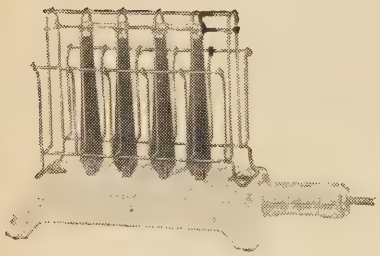
CONTINUOUS CIGAR LIGHTER PLUGS.

Zabunix	12495	75239	25 Watts, 95-102 Volts.	1.00
Zabuniy	12496	77045	25 Watts, 103-107 Volts.	1.00
Zabuniz	12497	75240	25 Watts, 108-112 Volts.	1.00
Zabuno	12498	77046	25 Watts, 113-117 Volts.	1.00
Zabunob	12499	77047	25 Watts, 118-122 Volts.	1.00
Zabunoc	12500	75241	25 Watts, 123-127 Volts.	1.00

G. E. HEATING AND COOKING APPARATUS.

RADIANT TOASTERS.

600 Watts.



One of the handiest electric devices. Toast may be made on the dining table, at the bedside or wherever electricity is available.

With 6 Feet of Cord and Socket Attaching Plug.

Code Word.	List No.	Mfr. No.		List Price Each.
Zacohib	5107	75962	95 to 102 Volts..	$4.50
Zacohic	5108	76697	103 to 107 Volts..	4.50
Zacohid	5109	75963	108 to 112 Volts..	4.50
Zacayuv	16876	75964	113 to 117 Volts..	4.50
Zacayuw	16877	76200	118 to 122 Volts..	4.50
Zacayux	16878	76201	123 to 127 Volts..	4.50

On Special Order Radiant Toasters will be sold without attaching cord and plug at a reduction of $1.50 from above list prices.

SHAVING MUG.

150 Watts.

No. 9275.

This novel device takes a small amount of current, and will heat the small quantity of water necessary for a lather in thirty to sixty seconds. The soap tray is separable, so the vessel can be used as a half-pint water, milk or other liquid heater. The cup is white enamel and tile base is aluminum.

Zacunow	9275	44303	95 to 125 Volts..	3.00

ELECTRIC GLUE POTS.

No. 42588.

One Quart.

Zafigay	42588	47935	70 Watts, 95 to 105 Volts.....	10.00
Zafigaz	42589	48331	70 Watts, 106 to 115 Volts.....	10.00
Zafige	42590	47396	70 Watts, 116 to 125 Volts.....	10.00

Two Quarts.

Zafigeb	42591	47397	90 Watts, 95 to 105 Volts.....	12.00
Zafigec	42592	48424	90 Watts, 106 to 115 Volts.....	12.00
Zafiged	42593	47398	90 Watts, 116 to 125 Volts.....	12.00
Zafigef	42594	43497	90 Watts, 200 to 225 Volts.....	14.50
Zafigeg	42595	43498	90 Watts, 220 to 250 Volts.....	14.50

Four Quarts.

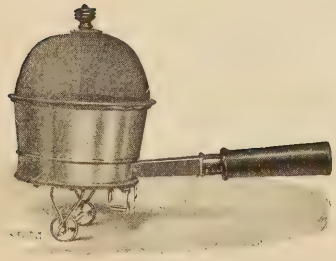
Zafigeh	42596	47403	140 Watts, 95 to 105 Volts.....	15.00
Zafigek	42597	48425	140 Watts, 106 to 115 Volts.....	15.00
Zafigel	42598	47404	140 Watts, 116 to 125 Volts.....	15.00
Zafigem	42599	43499	140 Watts, 200 to 225 Volts.....	17.00
Zafigen	42600	43500	140 Watts, 226 to 250 Volts.....	17.00

Eight Quarts.

Zafigep	42601	48426	250 Watts, 95 to 105 Volts.....	25.00
Zacunor	9271	48427	250 Watts, 106 to 115 Volts.....	25.00
Zacunos	9272	48428	250 Watts, 116 to 125 Volts.....	25.00
Zacunot	9273	43503	250 Watts, 200 to 225 Volts.....	27.00
Zacunov	9274	43504	250 Watts, 226 to 250 Volts.....	27.00

CORN-POPPER.

300 Watts.



No. 9276.

A satisfactory electric corn-popper has been developed which affords much pleasure to the household. It is a parlor article, and may be attached to any lighting circuit. It will pop corn in from nine to ten minutes when first heated, and will pop a second batch in three or four minutes less. The pan is polished aluminum, and the rollers have rubber tires which will not mar the woodwork on which it may be placed.

Zacunox	9276	45027	95-105 Volts....	5.75
Zacunoy	9277	45028	106-115 Volts....	5.75
Zacunoz	9278	45029	116-125 Volts....	5.75
Zacunu	39366	45030	200-225 Volts....	5.75
Zacunub	39367	45031	226-250 Volts....	5.75

G. E. HEATING AND COOKING APPARATUS.

COFFEE PERCOLATORS.

These Percolators are of a very pleasing design, and are nickle finish. The action is very rapid—delicious coffee may be made in nine minutes, starting from cold water.

One and One-Half Pint. 400 Watts.

Code Word.	List No.	Mfr. No.	Voltage.	List Price Each.
Zabuker	12147	76195	95 to 105	$14.50
Zabukes	12148	76196	106 to 115	14.50
Zabuket	12149	76197	116 to 125	14.50

Three Pint. 500 Watts.

Zabukev	12150	76198	95 to 105	16.50
Zabukew	12151	76199	106 to 115	16.50
Zabukex	12152	76204	116 to 125	16.50

Four Pint. 500 Watts.

Zabukey	12153	76205	95 to 105	19.00
Zabukez	12154	76206	106 to 115	19.00
Zabuki	12155	76207	116 to 125	19.00

WATER HEATER.

Made of copper, heavily nickle plated. A very handsome device which may be used in a thousand different ways.

One Pint. 400 Watts.

Zabukib	12156	76214	95 to 105	6.00
Zabukic	12157	76215	106 to 115	6.00
Zabukid	12158	76216	116 to 125	6.00

Quart Size. 500 Watts.

Zabukif	12159	76217	95 to 105	7.00
Zabukig	12160	76218	106 to 115	7.00
Zabukih	12161	76219	116 to 125	7.00

List Price Includes Cord and Plug.

Two Quarts. 250-500-1000 Watts.

Zabukik	12162	42661	95 to 105	14.00
Zabukil	12163	42662	106 to 115	14.00
Zabukim	12164	39742	116 to 125	14.00
Zabukin	12165	42388	200 to 225	14.00
Zabukip	12166	42389	226 to 250	14.00

Four Quarts. 285-575-1150 Watts.

Zabukir	12167	45294	95 to 105	17.00
Zabukis	12168	45295	106 to 115	17.00
Zafehon	35451	45296	116 to 125	17.00
Zafehop	35452	45297	200 to 225	17.00
Zafehor	35453	45298	226 to 250	17.00

Six Quarts. 325-650-1300 Watts.

Zafehos	35454	42663	95 to 105	18.00
Zafehot	35455	42664	106 to 115	18.00
Zafehov	35456	39743	116 to 125	18.00
Zafehow	35457	43273	200 to 225	18.00
Zafehox	35458	43274	226 to 250	18.00

List Price Includes 3 Heat Switch.

COMBINATION COOKERS.

One Quart. 500 Watts.

Zafehoy	35459	42865	95 to 105	10.50
Zafehoz	35460	42866	106 to 115	10.50
Zafehu	35461	41239	116 to 125	10.50
Zafehub	35462	43275	200 to 225	10.50
Zafehuc	35463	43276	226 to 250	10.50

Two Quart. 250-500-1060 Watts.

Zadifof	28274	42863	95 to 105	16.50
Zadifog	28275	42864	106 to 115	16.50
Zadifoh	28276	39759	116 to 125	16.50
Zadifok	28277	43277	200 to 225	16.50
Zadifol	28278	43278	226 to 250	16.50

Four Quart. 285-575-1150 Watts.

Zadifom	28279	45299	95 to 105	22.50
Zadifon	28280	45300	106 to 115	22.50
Zadifod	28281	45301	116 to 125	22.50
Zadifor	28282	45302	200 to 225	22.50
Zadifos	28283	45303	226 to 250	22.50

Six Quart. 325-650-1300 Watts.

Zabivon	21094	45304	95 to 105	25.00
Zabivop	21095	45305	106 to 115	25.00
Zabivor	21096	45306	116 to 125	25.00
Zabivos	21097	45307	200 to 225	25.00
Zabivot	21098	45308	226 to 250	25.00

G. E. HEATING AND COOKING APPARATUS.

FRYING PANS.

Code Word.	Five-Inch—500 Watts. List No.	Mfr. No.	Voltage.	List Price Each	Code Word.	Seven-Inch—220-575 Watts. List No.	Mfr. No.	Voltage.	List Price Each.
Zabukit	12169	42672	95-105	$6.50	Zabukiz	12174	42674	95-105	$9.00
Zabukiv	12170	42673	106-115	6.50	Zabuko	12175	42675	106-115	9.00
Zabukiw	12171	39521	116-125	6.50	Zabukob	12176	39522	116-125	9.00
Zabukix	12172	42394	200-225	6.50	Zabukoc	12177	42396	200-225	9.00
Zabukiy	12173	42395	226-250	6.50	Zabukod	12178	42397	226-250	9.00

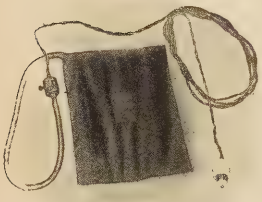
Prices of 10-Inch Frying Pans on Application.

No. 12179.

LUMINOUS RADIATOR.

Flat Top with Bulb Resistance Units.

		For Circuits, Volts.	Order Bulbs, Volts.	Watts†	Oxidized Finish No. 76864.	Nickel Finish No. 76865.
Zabukof	12179	95-102	100	750	$17.50	$18.25
				1500	18.50	19.25
Zabukog	12180	103-107	105	750	17.50	18.25
				1500	18.50	19.25
Zabukoh	12181	108-112	110	750	17.50	18.25
				1500	18.50	19.25
Zabukok	12182	113-117	115	750	17.50	18.25
				1500	18.50	19.25
Zabukop	12186	118-122	120	750	17.50	18.25
				1500	18.50	19.25
Zabukor	12187	123-127	125	750	17.50	18.25
				1500	18.50	19.25
Zabukos	12188	200-225	220	750	18.50	19.25
				*1500	19.50	20.25



When ordering give finish wanted and specify voltage and watts.

†Radiators rated at 750 watts have three 250-watt bulbs and 1500-watt radiators have three 500-watt bulbs.

*The three 500-watt bulb resistance used with 200-225 volt, 1500-watt radiators are not connected in multiple; but are connected in series since it is necessary to use 72-volt bulbs with 1500-watt radiators.

If the customer's circuit is 235-250 volts this fact should be stated on order and three 80-volt bulbs will be shipped.

HEATING PAD.

55 Watts.

No. 12190. Zabukov 12190 40800 105-125 Net..... 6.40

No. 12191. No. 12195.

TEA KETTLES

Two Quart.

160-575 Watts.

Zabukow	12191	75098	106-115.....	9.50
Zabukox	12192	75099	116-125.....	9.50
Zabukoy	12193	75100	200-225.....	9.50

Four Quart.

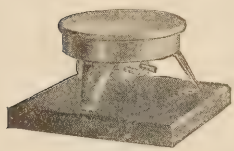
Three Heat—300-575-1150 Watts.

Zabuku	12195	75103	95-105.....	14.00
Zabukub	12196	75104	106-115.....	14.00
Zabukuc	12197	75105	116-125.....	14.00
Zacofec	38599	75106	200-225.....	14.00
Zacofed	39368	75107	226-260.....	14.00

G. E. HEATING AND COOKING APPARATUS.

No. 24976.

No. 12207.



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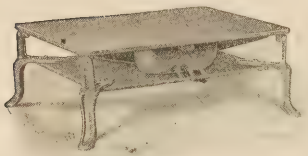

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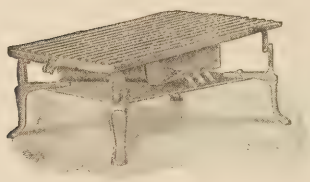


No. 24981.

No. 24986.

CHAFING DISHES.

Two Heat.

Low, 220-265. High, 500-650.

Code Word.	List No.	Mfr No.	Volts.	List Price Each.
Zafezib	24976	42393	226-250	$14.00
Zafezi	24975	42392	200-225	14.00
Zabukup	12206	39520	116-125	14.00
Zabukun	12205	42671	106-115	14.00
Zabukum	12204	42670	95-105	14.00

DISC STOVES.

6 Inch. Single Heat. 600 Watts.

Zabukur	12207	38651	95-105	5.25
Zabukus	12208	76616	106-115	5.25
Zabukut	12209	76617	116-125	5.25
Zabukuv	12210	43483	200-225	6.00
Zabukuw	12211	43484	226-250	6.00

8 Inch. Three Heat. 900-225 Watts.

Zabukux	12212	40811	95-105	11.25
Zabukuy	12213	38652	106-115	11.25
Zabukuz	12214	40812	116-125	11.25
Zabula	12215	43485	200-225	13.00
Zabulab	12216	43486	226-250	13.00

10 Inch. Three Heat. 1200-400 Watts.

Zabulac	12217	40813	95-105	14.50
Zabulad	12218	38653	106-115	14.50
Zabulaf	12219	40814	116-125	14.50
Zabulag	12220	43487	200-225	16.50
Zabulah	12221	43488	226-250	16.50

WITH ENCASED FLAT DISC UNIT.

3¼ Inch. 200 Watts.

Zacoyil	26169	76208	95-105	5.00
Zacoyim	26170	76209	106-115	5.00
Zacoyin	26171	76210	116-125	5.00

4 Inch. 250 Watts.

Zuxus	46762	76211	95-105	5.50
Zuxut	46763	76212	106-115	5.50
Zuxuv	46764	76213	116-125	5.50

GRIDS.

Aluminum Casting Polished (9 x 12 in.)

Three Heats. 900-225 Watts.

Zabulak	12222	40328	95-105	16.50
Zafezic	24977	40329	106-115	16.50
Zafezid	24978	40330	116-125	16.50
Zafezif	24979	43491	200-225	18.00
Zafezig	24980	43492	226-250	18.00

BROILERS.

9 x 12 Inch.

Three Heats. 1200-400 Watts.

Zafezih	24981	40815	95-105	15.50
Zafezik	24982	38654	106-115	15.50
Zafezil	24983	40816	116-125	15.50
Zafezim	24984	43489	200-225	17.50
Zafezin	24985	43490	226-250	17.50

OVENS.

Three Heats. 550-2200 Watts.

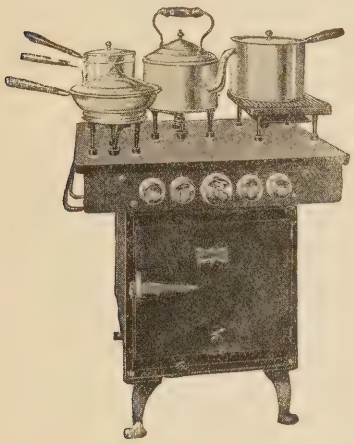
Zafezip	24986	76611	95-105	34.00
Zafezir	24987	76612	106-115	34.00
Zafezis	24988	76613	116-125	34.00
Zafezit	24989	76614	200-225	34.00
Zafeziv	24990	76615	226-250	34.00

SIMPLEX QUALITY

ELECTRIC HEATING SIMPLEX APPLIANCES.

ELECTRIC RANGES.

Each Electric Range includes an oven, a broiler, a griddle, three or four electric heaters and the cooking utensils to fit them. Each appliance is controlled separately by a switch on the front of the range. The utensils are of copper double tin lined and nickle plated. A slight turn locks them to the heaters. The oven has double walls packed with asbestos. The broiler is of cast iron with a removable griddle top.



No. 27257.

Code Word.	List No.	Mfr. No.		Watts.	List Price Each.
Zadakun	27257	6	Electric range.	4515	$100.00
Zadakup	27258	1	No. 1608 oven..	1600	
Zadakur	27259	1	9 in. x 12 in. broiler (grid. top)	1300	
Zadakus	27260	2	Disk stoves 6 in. diam.....	440	
Zadakut	27261	1	Disk stove 8 in. diam.	735	
Zadakuv	27262	1	6 in. blazer, 3 pints	...	
Zadakuw	27263	1	6 in. double boiler (porcelain food vessel)	...	
Zadakux	27264	1	8 in. vegetable boiler (capacity 5 qts.).	...	
Zadakuy	27265	1	8 in. tea kettle capacity (4 qts.)	...	

The Following Ranges are of the Same Design but Have a Larger Equipment of Stoves and Utensils.

Zadakuz	27266	7	Range	4810	102.50
Zadala	27267	8	Range	5250	110.00
Zadalab	27268	9	Larger	5615	120.00
Zadalac	27269	9A	Larger	....	125.00
Zadalad	27270	10	Larger	6435	140.00
Zadalaf	27271	11	Larger	7235	160.00
Zadalag	27272	12	Larger	7735	160.00
Zadalah	27273	12A	Larger	....	165.00
Zadalak	27274	13	Larger	7935	170.00
Zadalal	27275	14	Larger	8175	175.00
Zadalam	27276	14A	Larger	8175	180.00

No. 27271.

OVENS.

Russia iron. Japan frames and nickle plated trimmings. Double walls packed with asbestos. Cord and plug or snap switch. Heater top and bottom.

Zadalan	27277	1605	12 x12x14 inches inside..	1100	20.00
Zadalap	27278	1606	12 x13x19 inches inside..	1600	25.00
Zadalar	27279	1608	11½x15x18 inches inside..	1600	40.00
Zadalas	27280	1609	Same with thermometer..	1600	45.00
Zadalat	27281	1610	21½x19x13 inches inside..	2400	60.00

BROILERS.

Cast iron. Whole top; heats evenly. Furnished with 3 ft. of cord and plug as listed.

No. 27274.

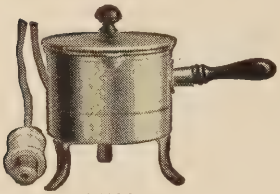
Domestic Size.

Zadalav	27282	1184	9x12 in. 1 heat no plug...	1300	10.50
Zadalaw	27283	1185	9x12 in. 3 heat plug swell	1300	13.00

Hotel Size.

Zadalax	27284	1186	12x18 in. 1 heat no plug...	2200	16.00
Zadalay	27285	1187	12x18 in. 3 heat plug swell	2200	18.50

ELECTRIC HEATING SIMPLEX APPLIANCES.



No. 27164.

HOT WATER CUPS.

Made of heavy copper nickel-plated. Fitted with a safety device that cuts off current if cup boils dry. Furnished with 6 feet of cord and lamp socket plug. Cord can be attached at cup.

Code Word.	List No.	Mfr. No.	Capacity.	Watts.	List Price Each.
Zadahux	27164	1240	1 pt.	400	$5.00
Zadahuy	27165	1241	1 qt.	550	6.50

No. 27166.

TRAVELLERS' STOVES.

Nickel-plated cup and small stove with 6 feet of cord and plug. All parts pack inside of cup, which measures 3¼ x 5 inches. Total weight, 2½ lbs.

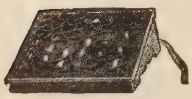
Zadahuz	27166	1710	1½ pts.	250	5.00

No. 27167.

NURSERY MILK WARMER.

Copper (nickel-plated) coil tube heater surrounds Hygeia Nursery Bottle and both are contained in nickel-plated vessel. Complete with 6 feet of cord and lamp socket plug holding a lamp.

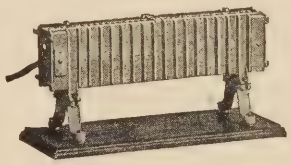
Zadaka	27167	451	1 pt.	440	6.50



No. 37441.

FOOT WARMERS. 100-125 AND 220-250 VOLTS.

Zafotef	37449	1371	9x10	9½ lbs.	1 heat..	50	5.00
Zafoteg	37450	1375	9x12	10 lbs.	3 heat..	100-400	7.50



No. 37450.

ELECTRIC RADIATORS. ENAMEL INSULATION TYPE.

In these Radiators the heating element is resistance wire embedded in an insulation of enamel fused to the casting. Practically all radiators are furnished with a cord, but no plug. Radiators listed three heats are furnished with a connector switch. No switch furnished with one heat radiators.

RADIATOR. 800-1500 WATTS. 110-125, 220-250 VOLTS.

Zafotet	37459	1124	23 x6x10 in.	20 lbs.	1 heat....	800	10.50
Zafotev	37460	1125	30½x6x11 in.	28 lbs.	1 heat....	1200	12.50
Zafotew	37461	1128	23 x6x11 in.	20 lbs.	3 heat....	270- 800	12.00
Zafotex	37462	1129	30½x6x11 in.	28 lbs.	3 heat....	400-1200	14.50

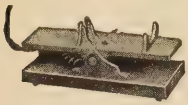
SMALL RADIATOR. 800-1100 WATTS. 100-125, 220-250 VOLTS.

Zafoteh	37451	1120	4½x7x12 in. 1 heat.....	800	8.50
Zafotek	37452	1121	4½x7x12 in. 3 heat.....	200-800	10.00
Zafotel	37453	1120G	4½x7x12 in. with guard 1 heat.....	1100	10.00
Zafotem	37454	1121G	4½x7x12 in. with guard 3 heat.....	275-1100	11.50

ELECTRIC HEATING SIMPLEX APPLIANCES.

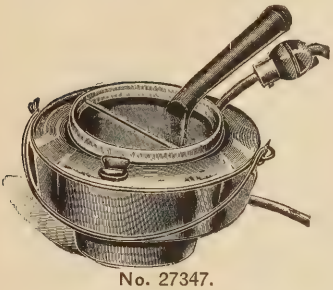
SOLDERING IRON STANDS.

Cut off half the current automatically when iron is on stand. Made of cast iron mounted on slate base.



No. 27343.

Code Word.	List No.	Mfr. No.		List Price Each.
Zadaluf	27351	1100	For 239 iron.....	$3.50
Zadalug	27352	1101	For 240 iron.....	3.50
Zadaluh	27353	1102	For 241 iron.....	3.50
Zadaluk	27354	1103	For 242 iron.....	3.50
Zadalul	27355	1104	For 243 iron.....	3.50

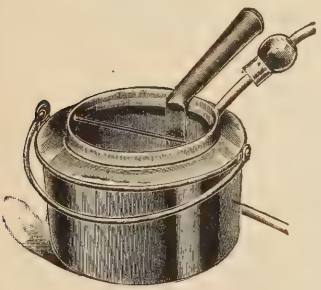


No. 27347.

GLUE POT—RESERVOIR TYPE.

Made of burnished copper. Coil tube heater arranged for three heats. The well is fed from a reservoir, but contains little water at a time. This being quickly heated makes the operation of this glue pot economical. Furnished with 4 ft. of conductor cord. No plug.

Zadalum	27356	403	1 pt. 85- 330	13.50
Zadalun	27357	404	1 qt. 100- 440	14.50
Zadalup	27358	405	2 qts. 170- 660	16.00
Zadalur	27359	406	1 gal. 275-1100	22.25
Zadalus	27360	407	2 gals. 360-1440	41.00
Zadalut	27361		Cast Iron Bench Stand to hold glue pot.....	.50



No. 27354.

GLUE POT—NO RESERVOIR.

Burnished copper. Coil Tube Heaters arranged for three heats. 4 ft. of cord. No. plug.

Zadawu	27502	407½	1 pt. 110-440	11.00
Zadafev	26901	408	1 qt. 170-660	12.00
Zadafew	26902	409	2 qts. 220-880	13.50

GLUE POT—PIANO FACTORY TYPE.

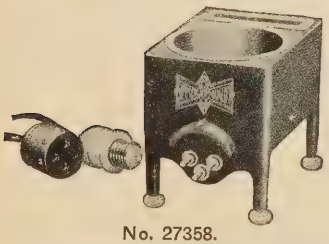
Cast iron; Heater in bottom. Glue pot and cup for brushes of spun copper. Furnished with 6 ft. of cord and lamp socket plug. Three heats.

Zadafex	26903	1722	1 ves. ½ pt...50-300	7.50
Zadafey	26904	1723	2 ves. 1 pt. ea.86-500	11.00

SEALING WAX POT.

Spun copper pot, nickle plated. Mounted on slate base. Furnished with switch (4 heats) cord and plug.

Zadafez	26905	1715	½ pt. 25-175	8.00
Zadafi	26906	1716	1½ pt. 45-300	10.00



No. 27358.

PITCH KETTLES.

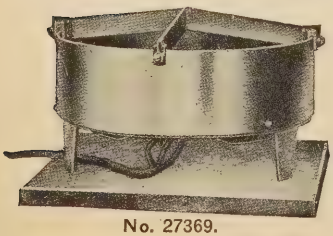
Made of cast iron, smooth finish. mounted on a slate base. Furnished with 4 ft. of cord and a plug switch arranged for three heats.

Zadafib	26907	1651	12x2½ in....330-1300	20.00
Zadafic	26908	1652	15x2½ in....400-1600	26.00

FLASK HEATER FOR LABORATORY.

Copper. Three heats. 6 ft. cord and plug.

Zadafid	26909	1430	8 in. diam.500 watts	12.00



No. 27369.

STEAM BOILERS.

We are prepared to furnish estimates and prices, and to build electric steam boilers of any desired capacity or pressure. They are equipped with steam and water gauges, safety valve, feed, blow-off, and steam connections, as usual in standard boiler practice.

The electric heat is generated inside the boiler, so that none is wasted, and is subject to control by means of regulating switches.

The consumption of current is at the rate of about 10 kilowatts per standard boiler horse-power or about 340 watts per lb. of water evaporated per hour.

ELECTRIC HEATING SIMPLEX APPLIANCES.

SPRAY COFFEE URNS.

No. 27324.

Coffee made by percolation. Outer jacket of copper, nickle plated. Spray dome of glass. Inner vessel of white stoneware. Stove heater with 5 ft. of cord and plug switch.

Code Word.	List No.	Mfr. No.		Watts.	List Price Each
Zadalon	27337	1456	12 qts.	750	$62.00

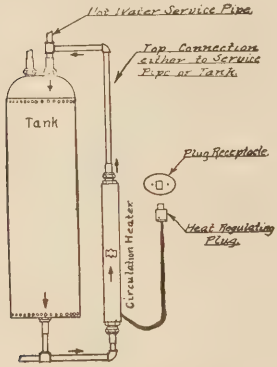
SPECIAL URNS.

Ornament Bar or Barbers Urns. Copper nickle plated. Stove heater with cord and lamp socket plug.

Zadalop	27338	1451	3 pts. 12¾ in. high	60-250	11.00
Zadalor	27339	1452	5 pts. 17 in. high	110-440	14.50

Special Quick Heating Urn for physicians use. Copper nickle plated. Coil heater with 4 ft. of cord, no plug.

Zadalos	27340	2 qts. 16 in. high.....	1200	16.00

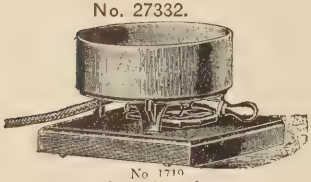


CIRCULATION WATER HEATER.

Can be attached to ordinary kitchen boilers in circuit with coal range heater if desired, either being used independently. The water circulates through a tube wound with resistance wire embedded in enamel insulation. This has an outer case 3 inches in diameter and 28 inches high and a ¾ inch union at top and bottom. Four feet of conductor cord and a plug switch giving three divisions of heat furnished.

Zadalot	27341	425	3x33 in. over all	667-2000	30.00

No. 27332.



No. 1710

No. 27334.

SOLDER POTS.

Made of cast iron, mounted on a slate base. Three heats controlled by switch beneath. Cord and lamp socket plug.

Zadalov	27342	1718	4 lbs. solder	100-200	$8.00
Zadalow	27343	1719	10 lbs. solder	200-440	12.00

SOLDERING IRONS.

Furnished with 6 ft. of conductor cord and lamp socket plugs. Tips are removable and interchangeable on irons of same size.

No. 27337.

Zadalox	27344	239	⅞ in.	11 in.	60	6.00	....
Zadaloy	27345	240	1 in.	12 in.	100	6.25	0.60
Zadaloz	27346	241	1¼ in.	15 in.	220	6.50	.65
Zadalu	27347	242	1½ in.	15½ in.	275	7.00	.70
Zadalub	27348	243	1¾ in.	15½ in.	350	8.00	.80
Zadaluc	27349	238	Telephone Soldering Iron.....			7.00	.75
Zadalud	27350	250	Extra heavy 3 in. diameter 16 inches long cord no plug 450 watts.....			21.00	....

BRANDING IRONS.

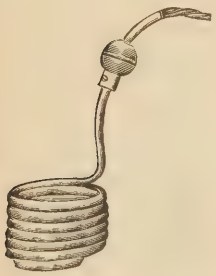
Made To Order.

SIMPLEX EQUALITY

ELECTRIC HEATING SIMPLEX APPLIANCES.

IMMERSION COIL HEATERS.

These may be used for heating liquid contained in almost any kind of vessel. They are usually in cylindrical form, but can be furnished in flat coils or to the shape of vessels in which they are to be used. Coils are of copper tubing ⅜ inch to ¾ inch in diameter and are furnished plain or nickle plated. Sent nickle plated unless otherwise ordered. One heat coils will be provided of such watt capacity as ordered within the limits quoted. When watts are not stated on the order the maximum of the coil as listed will be sent.



No. 27208.

Code Word.	List No.	Mfr. No.		Watts.	List Price Each.
Zadaley	27305	470	1 heat ...	100- 400	$6.50
Zadalez	27306	471	1 heat ...	440- 660	7.50
Zadali	27307	472	1 heat ...	700- 880	8.50
Zadalib	27308	473	1 heat ...	900-1100	10.00
Zadalic	27309	474	1 heat ...	1200-1400	11.00
Zadalid	27310	475	1 heat ...	1400-1650	13.00
Zadalif	27311	476	1 heat ...	1700-2000	15.50
Zadalig	27312	477	1 heat ...	2100-2500	18.00

Three heat coils have a regulating switch on conductor cord. We recommend these coils where water is to be kept hot for any length of time as they save current when operating on low heats.

Zadalih	27313	480	3 heats...	110- 220- 440	8.00
Zadalik	27314	481	3 heats...	165- 330- 660	9.00
Zadalil	27315	482	3 heats...	220- 440- 880	10.00
Zadalim	27316	483	3 heats...	275- 550-1100	12.00
Zadalin	27317	484	3 heats...	350- 700-1400	13.50
Zadalip	27318	485	3 heats...	412- 825-1650	16.00
Zadalir	27319	486	3 heats...	500-1000-2000	18.00
Zadalis	27320	487	3 heats...	625- 250-2500	21.50

No. 27319.

HOT WATER URNS SINGLE SHELL.

Made of heavy copper nickle plated. Coil tube heaters furnished with 5 ft. of cord and a plug switch giving three heats.

Zadalit	27321	452	2 gals. Tumbler Top.	250-1000	26.00
Zadaliv	27322	453	3 gals. Tumbler Top.	350-1400	29.50
Zadaliw	27323	454	4 gals. Tumbler Top.	412-1650	35.00
Zadalix	27324	462	2 gals. Plain Top....	250-1000	25.00
Zadaliy	27325	463	3 gals. Plain Top....	350-1400	28.50
Zadaliz	27326	464	4 gals. Plain Top....	412-1650	34.00
Zadalo	27327	465	5 gals. Plain Top....	500-2000	38.00

HOT WATER URNS JACKETED.

Made of heavy copper nickle plated. Double walls packed with asbestos. Stove heater furnished with 6 ft. of cord, no plug.

Zadalob	27328	1461	1 gal. Plain Top.....	100- 500	23.00
Zadaloc	27329	1462	1 gal. Gauge Glass.....	100- 500	25.00
Zadalod	27330	1463	2 gals. Plain Top.....	125- 800	29.00
Zadalof	27331	1464	2 gals. Gauge Glass.....	125- 800	31.00
Zadalog	27332	1465	2 gals. Tumbler Top.....	125- 800	33.00

COFFEE URNS.

White Stoneware Crock for Coffee. Outer jacket of copper nickle plated. Coil tube heater furnished with 4 ft. of cord and a plug switch giving three degrees of heat. Gauge glasses for both water and coffee.

Zadaloh	27333	412	2 gals.	350-1400	51.00
Zadalok	27334	413	3 gals.	425-1700	58.50
Zadalol	27335	414	4 gals.	525-2100	65.50
Zadalom	27336	415	5 gals.	625-2500	74.00

ELECTRIC HEATING SIMPLEX APPLIANCES.

No. 27278.

GRIDDLE CAKE COOKERS.

Cast iron. Whole top heats evenly. Furnished with 4 ft. of cord and plug as listed.

Domestic Size.

Code Word.	List No.	Mfr. No.			Watts.	List Price Each.
Zadalaz	27286	1422	9x12 in. 1 heat no plug.....	...	880	$10.00
Zadale	27287	1422½	9x12 in. 3 heat plug sw.....	300	880	13.00

Hotel Sizes.

Zadaleb	27288	1423	12x18 in. 1 heat no plug.....	...	1500	14.00
Zadalec	27289	1424	12x18 in. 3 heat plug sw.....	300	1500	17.00
Zadaled	27290	1427	18x24 in. 1 heat no plug.....	...	2800	28.00
Zadalef	27291	1428	18x24 in. 3 heat plug sw.....	935	2800	31.00

No. 27284.

WAFFLE IRONS.

Cast iron. Bakes waffles 4½ in. diameter. Furnished with 5 ft. of cord. No plug.

Zadaleg	27292	1400	Polished .....2 waffles		770	7.50
Zadaleh	27293	1401	Nickle plated...2 waffles		770	10.00
Zadalek	27294	1402	Polished .....3 waffles		1150	10.00
Zadalel	27295	1403	Nickle plated...3 waffles		1150	13.00

FRYING KETTLE.

Cast steel polished, mounted on a slate base and supplied with 3 ft. of cord.

Zadalem	27296	1410	8 in. diameter 3¼ in. deep.....	825	12.00
Zadalen	27297	1412	12 in. diameter 4 in. deep.....	1200	15.00
Zadalep	27298	1413	12 in. diameter 4 in. deep.....	1200	18.00
Zadaler	27299		Three heat, plug switch.....	....	.....

STERILIZERS FOR DENTISTS.

Made of copper double tin lined and nickle plated. Heater in bottom. Removable tray for instruments. Furnished with 5 ft. of cord and plug. (1434 has no plug.)

Zadales	27300	1431	8x3½x2	in. deep.....	350	10.00
Zadalet	27301	1432	10x4¾x2	in. deep.....	500	12.00
Zadalev	27302	1434	13x6½x2½	in. deep.....	800	14.00

STERILIZERS FOR HOSPITALS.

Made of copper double tin lined and nickle plated. Heater is a removable coil tube. Instrument tray. Furnished with 4 ft. of cord and plug switch giving three divisions of heat.

Zadalew	27303	1435	16x8 x5	in. deep.....	1200	30.00
Zadalex	27304	1436	18x9 x6	in. deep.....	1500	35.00

ELECTRIC HEATING SIMPLEX APPLIANCES.

CURLING IRON HEATERS.

Types shown below are portable, being mounted on a base as listed. Each heater is furnished with 5 feet of cord and a lamp socket plug. They operate automatically; putting the irons in turns on the current; withdrawing it cuts it off.

Code Word.	List No.	Mfr. No.	Heater.	Base.	Watts.	List Price Each
Zadakab	27168	1274	Nickel Plate	Marbleized	60	$3.00
Zadakac	27169	1275	Brass	Marbleized	60	3.25
Zadakad	27170	1276	Nickel Plate	White Marble	60	3.75
Zadakaf	27171	1277	Brass	White Marble	60	4.00
Zadakag	27172	1278	Nickel Plate	Onyx	60	4.50
Hairdressers Type. Holds Two Irons.						
Zadakah	27173	1281	Nickel Plate	Slate	60	5.50
Zadakak	27174	1282	Nickel Plate	Marble	60	6.00
Marcel Wave Irons. Opening for Wide Irons (1½ x 5/16 Inches).						
Zadakal	27175	1270	Nickel Plate	Slate	120	6.00
Zadakam	27176	1271	Nickel Plate	Marble	120	6.50
Zadakan	27177	1272	Brass	Slate	120	7.00
Zadakap	27178	1273	Brass	Marble	120	7.50
Wall Type for Bathroom or Hotel.						
Zadakar	27179	1279	Nickel Plate	Slate	60	4.50
Zadakas	27180	1279A	Nickel Plate	Marble	60	5.00
Zadakat	27181	1279B	Brass	Marble	60	5.00
Theatre Type with Grease Paint Heater on Top. This works independently of Curling Iron Heater.						
Zadakav	27182	1283	Nickel Plate	Slate	80	6.50

No. 27175.

HEATING PADS.

No. 27183.

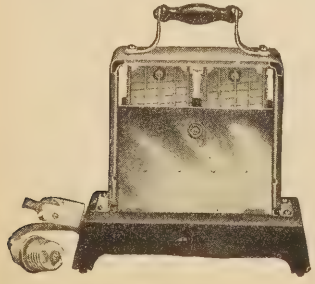
Superior to the hot water bottle. Light, soft and flexible. Covered with eider-down and furnished with 10 feet of cord and lamp socket plug. Those giving three heats have a regulating switch in cord.

			Size.			
Zadakaw	27183	681	12 x 15 in.	One heat	50	5.00
Zadakax	27184	680	12 x 15 in.	Switch	50	6.00
Zadakay	27185	682	12 x 15 in.	Three heat	50	6.50
Zadakaz	27186	683	15 x 24 in.	One heat	100	10.00
Zadake	27187	684	15 x 24 in.	Three heat	100	13.00
Zadakeb	27188	Rubber cover for 12 x 15 in.			...	1.00
Zadakec	27189	Rubber cover for 15 x 24 in.			...	1.40

PLATE WARMERS.

Made of Russia Iron with polished brass trimmings. Shelf in middle. Cord and plug.

Zadaked	27190	1661	12 x 14½ x 20 in. high	300	20.00



No. 27191.

BREAKFAST ROOM TOASTER.

A flexible conductor is produced with a lamp socket plug, and another plug by which the current can be turned on or off at the toaster itself.

Two large or four small slices of bread can be toasted at once, the entire time for toasting on both sides being from two to three minutes, according to the condition of the bread.

500 Watts.

Zadakef	27191	211	Nickel Plated, complete with cord and connector plug	6.00
Zadakeg	27192	213	Same, Silver Plated	10.00

ELECTRIC HEATING SIMPLEX APPLIANCES.

PORTABLE STOVES.

Any utensil with a flat bottom can be used on these stoves. Best results are obtained, however, by using Simplex utensils as these lock on and make a tight heating contact. All stoves are mounted on a slate base and furnished with 6 feet of cord. Those under 500 watts are furnished with a lamp socket plug. Operate on direct or alternating currents.

No. 27211.

One Heat Stoves.

Code Word.	List No.	Mfr. No.			Watts.	List Price Each.
Zadakev	27202	1700	3¼	in. diameter.	100	$5.00
Zadakew	27203	1701	4½	in. diameter.	220	4.00
Zadakex	27204	1702	6	in. diameter.	440	6.00
Zadakey	27205	1703	7	in. diameter.	600	7.00
Zadakez	27206	1704	8	in. diameter.	735	9.00
Zadaki	27207	1705	10	in. diameter.	1100	12.00
Zadakib	27208	1706	12	in. diameter.	1300	15.00
Zadakic	27209	1708	15	in. diameter.	1800	18.00

Three Heat Stoves.

Zadakid	27210	1731	4½ in. diameter	220	6.00
Zadakif	27211	1732	6 in. diameter	440	8.00
Zadakig	27212	1733	7 in. diameter	600	9.00
Zadakih	27213	1734	8 in. diameter	735	11.00
Zadakik	27214	1735	10 in. diameter	1100	15.00
Zadakil	27215	1736	12 in. diameter	1300	18.00
Zadakim	27216	1738	15 in. diameter	1800	21.00

No. 27226.

PORTABLE STOVE COMBINATIONS.

Combination of Saute Pan and Stove.

Pan is copper, nickle plated. Separable from stove. Stove furnished with 6 ft. of cord and lamp socket plug.

Zadakin	27217	1741	1½ pts.	1 heat stove	220	6.50
Zadakip	27218	1751	1½ pts.	3 heat stove	220	8.50
Zadakir	27219	1745	3 pts.	1 heat stove	440	9.50
Zadakis	27220	1755	3 pts.	3 heat stove	440	11.50

Combination of Blazer and Stove.

Blazer is copper, nickle plated. Separable from stove. Stove furnished with 6 ft. of cord and lamp socket plug.

Zadakit	27221	1740	2 pts.	1 heat stove	220	7.50
Zadakiv	27222	1750	2 pts.	3 heat stove	220	9.50
Zadakiw	27223	1742	3 pts.	1 heat stove	440	10.00
Zadakix	27224	1752	3 pts.	3 heat stove	440	12.00

No. 27218.

Combination of Tea Kettle and Stove.

Kettle is copper, nickle plated. Separable from stove. Stove furnished with 6 ft. of cord and lamp socket plug.

Zadakiy	27225	1743	1½ pts.	1 heat stove	220	5.75
Zadakiz	27226	1753	1½ pts.	3 heat stove	220	7.75
Zadako	27227	1744	3 pts.	1 heat stove	440	8.50
Zadakob	27228	1754	3 pts.	3 heat stove	440	10.50

Combination of Double Boiler and Stove.

Outer vessel is copper, nickle plated; inner vessel is porcelain. Boiler separable from stove. Stove has 6 ft. of cord and lamp socket plug.

Zadakoc	27229	1746	3 pts.	1 heat stove	440	10.00
Zadakod	27230	1756	3 pts.	3 heat stove	440	12.00

SIMPLEX EQUALITY

ELECTRIC HEATING SIMPLEX APPLIANCES.

UTENSILS ADAPTED TO SIMPLEX PORTABLE STOVES.

The bottom of each utensil is recessed so that a rim fits down over the side of the stove. Pieces of metal on this rim engage with pins on the stove so that a slight turn locks the utensil tight to the top of the stove insuring a good heating contact. All utensils are made of heavy copper, nickle plated outside and double tin lined. Handles are of polished wood set in cast brass sockets with a through bolt.

Saute Pans.

Code Word.	List No.	Mfr. No.	Capacity.	Fits Stove.	List Price Each.
Zadakof	27231	0750	½ pt.	1701 or 1731	$2.00
Zadakog	27232	0751	3 pts.	1702 or 1732	2.75
Zadakoh	27233	0752	2 qts.	1703 or 1733	3.00
Zadakok	27234	0753	5 pts.	1704 or 1734	3.50
Zadakol	27235	0754	1 gal.	1705 or 1735	4.00

Blazers.

Zadakom	27236	0755	2 pts.	1701 or 1731	2.40
Zadakon	27237	0756	3 pts.	1702 or 1732	3.25
Zadakop	27238	0757	2 qts.	1703 or 1733	3.50
Zadakor	27239	0758	2 qts.	1704 or 1734	4.00

Tea Kettles.

Zadakos	27240	0760	1½ pts.	1701 or 1731	1.40
Zadakot	27241	0761	3 pts.	1702 or 1732	2.00
Zadakov	27242	0762	2 qts.	1703 or 1733	2.50
Zadakow	27243	0763	4 qts.	1704 or 1734	3.25
Zadakox	27244	0769	5 qts.	1705 or 1735	5.25
Zadakoy	27245	0764	10 qts.	1705 or 1735	5.50

Coffee Pots (Not Spray).

Zadakoz	27246	0765	1½ pts.	1701 or 1731	2.50
Zadaku	27247	0766	2 qts.	1702 or 1732	3.25
Zadakub	27248	0767	2 qts.	1703 or 1733	4.75
Zadakuc	27249	0768	3½ qts.	1703 or 1733	4.75

Double Boilers (Inner Vessel White Porcelain).

Zadakud	27250	0772	3 pts.	1702 or 1732	3.25
Zadakuf	27251	0773	2 qts.	1703 or 1733	4.00
Zadakug	27252	0774	4 qts.	1704 or 1734	5.25
Zadakuh	27253	0776	4 qts.	1705 or 1735	5.75

Single Boilers.

Zadakuk	27254	0777	1 gal.	1704 or 1734	3.50
Zadakul	27255	0778	2 gal.	1705 or 1735	4.50
Zadakum	27256	0779	4 gal.	1706 or 1736	6.00

ELECTRIC HEATING SIMPLEX APPLIANCES.

ELECTRIC CHAFING DISHES.

Comprising food pan, water pan and electric stove. The food and water pans are made of copper, double tin lined and nickel or silver plated, handles black ebonized wood. The electric stove gives three degrees of heat controlled by a switch beneath. Either pan can be clamped to the stove by a simple device that insures a good heating contact.

No. 27111.

Code Word.	List No.	Mfr. No.	Capacity Pt.	Pattern	List Watts.	Price Each.
Zadahif	27111	1205	3	Plain Nic. Pl.	500	$16.00
Zadahig	27112	1215	3	Same Sil. Pl.	500	29.00
Zadahih	27113	1206	3	Bead Nic. Pl.	500	17.75
Zadahik	27114	1216	3	Same Sil. Pl.	500	31.00
Zadahil	27115	1209	3	Bead Nic. Pl.	500	18.75
Zadahim	27116	1219	3	Same Sil. Pl.	500	31.50
Zadahin	27117	1220	3	Fluted Nic. Pl.	500	20.00
Zadahip	27118	1221	3	Same Sil. Pl.	500	32.50
Zadahir	27119	1201	2	Plain Nic. Pl.	250	13.50
Zadahis	27120	1211	2	Same Sil. Pl.	250	23.00
Zadahit	27121	1202	2	Ornamental Nic. Pl.	250	14.00
Zadahiv	27122	1212	2	Same Sil. Pl.	250	23.50

DINING ROOM SETS.

The Dining Room Set comprises five pieces, a Chafing Dish, Coffee Urn, Tea Kettle, Electric Stove and a Stand. Each utensil can be used in turn on the stove and set on the stand when cooling. The stove gives three heats and is furnished with six feet of cord and a lamp socket plug. Pieces can be bought separate or all together as listed.

Zadahiw	27123	Set No. 1 Complete, Plain Pattern, Nickel Plated, 5 pieces	30.25
Zadahix	27124	Same Pattern, Silver Plated, 5 pieces	50.75
Zadahiy	27125	Set No. 2 Complete, Fluted Pattern, Nickel Plated, 5 pieces	37.75
Zadahiz	27126	Same Pattern, Silver Plated, 5 pieces	58.25

SPRAY COFFEE POTS AND URNS.

Comprising a Spray Coffee Pot or Urn and an Electric Stove, the two being separable. The coffee is made by percolation. The Electric Stove in each case is furnished with six feet of cord and plug. In numbers marked * the stove gives three heats, others give one heat only.

No. 27134.

Spray Coffee Pots.						
Zadaho	27127	1261	3	Fluted, Nic. Pl.	300	9.75
Zadahob	27128	1265	3	Plain, Nic. Pl.	300	11.25
Zadahoc	27129	1262	4	Fluted, Nic. Pl.	300	10.50
Zadahod	27130	1266	4	Plain, Nic. Pl.	300	12.00
Spray Coffee Urns.						
Zadahof	27131	1292	2	Plain, Nic. Pl.	300	11.00
Zadahog	27132	1293	3	Plain, Nic. Pl.	300	11.50
Zadahoh	27133	1294	4	Plain, Nic. Pl.	300	12.25
Zadahok	27134	1286*	2	Plain, Nic. Pl.	250	14.25
Zadahol	27135	1285*	2½	Plain, Nic. Pl.	500	16.50
Zadahom	27136	1289*	3½	Special, Nic. Pl.	500	18.80
Zadahon	27137	1290*	5	Fluted, Nic. Pl.	500	22.00
Zadahop	27138	1291*	5	Same, Sil. Pl.	500	31.00
Zadahor	27139	1298*	3½	Fluted, Nic. Pl.	250	18.00
Zadahos	27140	1299*	3½	Same, Sil. Pl.	250	23.00

TEA KETTLES.

Tea Kettle and Stove. Kettle is copper, nickel or silver plated. Separable from stove. Stove gives three heats, has 6 ft. cord and lamp socket plug.

Zadahot	27141	1253	2	Plain, Nic. Pl.	250	12.85
Zadahov	27142	1254	2	Same, Sil. Pl.	250	18.75
Zadahow	27143	1872	2	Urn, Nic. Pl.	440	15.00
Zadahox	27144	1873	2	Same, Sil. Pl.	440	20.00
Zadahoy	27145	1255	2	Tea Pot, Nic. Pl.	250	12.00
Zadahoz	27146	1256	2	Same, Sil. Pl.	250	18.00
Zadahu	27147	1245	2	Quick Htg. Kettle, Heater att'hed	550	11.00

ELECTRIC HEATING SIMPLEX APPLIANCES.

ELECTRIC RADIATORS—(Continued).

No. 37458.

BATH ROOM RADIATOR 2000-3000 WATTS 100-125, 220-250 VOLTS.

Code Word.	List No.	Mfr. No.		Watts.	List Price Each
Zafotic	37467	1130	15x6x26 in. 32 lbs. 3 heat.....	670-2000	35.00
			White Enamel. Nickle Trimmings.		
Zafotid	37468	1132	Same, finished in aluminum bronze....	670-2000	25.00
Zafotif	37469	1131	21x6x26 in. 45 lbs. 3 heats.....	1000-3000	48.00
Zafotig	37470	1133	Same, finished in aluminum bronze....	1000-3000	37.00
Zafotih	37471		Three heat wall switch.....		2.50

No. 37467.

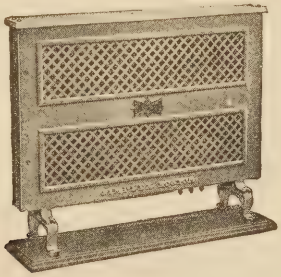
STATE ROOM RADIATOR. ANY VOLTAGE UP TO 250.

Zafotik	37472	1110	23x6 x 9 in. wall switch 3 heat.....	700- 900	15.00

COILED SPRING TYPE 800-300 WATTS. 100-125, 220-250 VOLTS.

Zafotil	37473	107	23x6¾x12 in. 27 lbs. 1 heat.....	800	10.00
Zafotim	37474	108	27x6¾x14 in. 37 lbs. 1 heat.....	1500	13.00
Zafotin	37475	109*	27x8¾x14 in. 50 lbs. 1 heat.....	3000	18.00
Zafotip	37476	110†	23x6¾x12 in. 27 lbs. 3 heat.....	800	12.00
Zafotir	37477	111†	27x6¾x14 in. 37 lbs. 3 heat.....	1500	15.00
Zafotis	37478	112	27x8¾x14 in. 50 lbs. 3 heat.....	3000	20.00

*Made for all voltages up to 500. †Made for 100-125 volts only.



No. 37472.

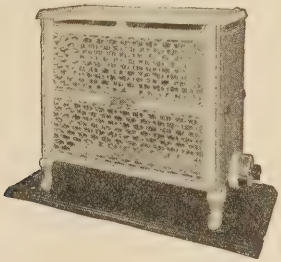
RADIATORS 2000-600 WATTS 100-215, 220-250, 500 VOLTS.

Zafotit	37479	104	27x 7¼x23 in. 70 lbs. 1 heat.....	2000	$23.00
Zafotiv	37480	105	27x10½x23 in. 95 lbs. 1 heat.....	4000	32.00
Zafotiw	37481	106	27x14 x23 in. 115 lbs. 1 heat.....	6000	41.00
Zafotix	37482	101*	27x 7¼x23 in. 70 lbs. 3 heat.....	670-2000	25.00
Zafotiy	37483	102	27x10½x23 in. 95 lbs. 3 heat.....	1335-4000	35.00
Zafotiz	37484	103	27x14 x23 in. 115 lbs. 3 heat.....	2000-6000	45.00

*Not made for 500 volts.

ELECTRIC HEATING SIMPLEX APPLIANCES.

ELECTRIC RADIATORS—(Continued).



Office Radiator No. 37475.

RADIATOR 4000-8000 WATTS. 100-125, 200-250 VOLTS.

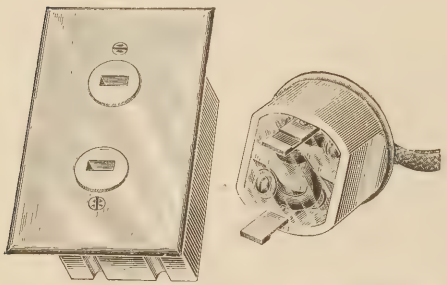
Code Word.	List No.	Mfr. No.		Watts.	List	Price Each
Zafoto	37485	115*	27x13½x20½ in. 90 lbs. 1 heat.....	4000		29.00
Zafotob	37486	116	27x13½x20½ in. 102 lbs. 1 heat.....	6000		33.00
Zafotoc	37487	117	36x13½x20½ in. 115 lbs. 1 heat.....	8000		33.50
Zafotod	37488	119*	27x13½x20½ in. 102 lbs. 2 heat.....	6000		37.00
Zafotof	37489	120*	36x13½x20½ in. 120 lbs. 2 heat.....	8000		42.50

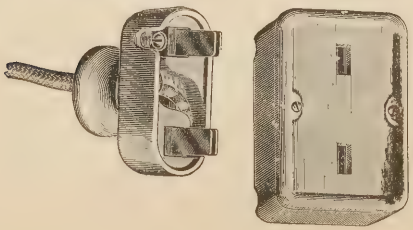
*Made for 100-125 volts only.

FACTORY RADIATORS. 4000-8000. 100-125, 220-250.

Zafotog	37490	123*	23x12 x17 in. 55 lbs. 1 heat.....	4000		25.00
Zafotoh	37539	124	23x12 x17 in. 65 lbs. 1 heat.....	6000		28.00
Zafotok	37540	125*	33x12 x17 in. 70 lbs. 1 heat.....	8000		33.00
Zafotol	37541	127*	23x12 x17 in. 65 lbs. 2 heat.....	6000		32.50
Zafotom	37542	128	33x12 x17 in. 70 lbs. 2 heat.....	8000		37.00

*Made for 100-125 volts only.





PORCELAIN PLUG SWITCHES 300 VOLTS.

One Heat. Without Fuse.

940	Receptacle plug	30	1.75
941	Plug only	30	.75
942	Receptacle only	30	1.00

One Heat With Cartridge Fuse.

943	Receptacle and plug	30	2.50
941	Plug only, one heat.....	30	.75
944	Receptacle and fuse	30	1.75

FLUSH PLUG SWITCHES 300 VOLTS.

Nickle or brass fronts. Porcelain bushings for plug contacts. Nickle plated. No. fuse.

960	Receptacle and plug ...	15	1.75
962	Plug only	15	.60
963	Receptacle only	15	1.15
964	Polished brass. No fuse		Same price

SELF-WINDING ELECTRIC CLOCKS.

MASTER CLOCK.
No. 12850.

THE BLODGETT SYSTEM.

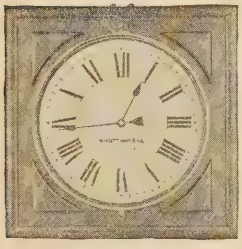
Hour wind. Sixty beat movements. Twelve inch dial. Insulated circuit closers with platinum contacts. Mercurial pendulums if desired. Quartered oak case. Bevel plate glass front panel. These clocks are the most reliable on the market. Wound by two cells of dry battery, and will run 18 months without renewal. Are guaranteed to keep true time, within ½ second a day, after regulation. With mercurial pendulum, variation does not exceed five seconds a month. Cases fitted with the necessary switches and starting and setting keys for operating secondary clocks.

Code Word.	List No.	Mfr. No.		List Price Each.
Affrights	12850	6	Master Clock.....	$180.00
Affronts	12851		With Mercurial Pendulum..	255.00

SECONDARY CLOCKS.

4 to 60 Ins. in Diameter.

Movements positive and self-locking. Designed to operate on one cell of battery. Cases square or round. Quartered oak. Always in stock. Vapor and moisture proof. Iron cases for laboratories, factories and outdoor use. Marble dials for halls and auditoriums. Architects' designs carefully followed. Tower clocks. No heavy weights to wind. No stopping by storms.



No. 12852.

Affused	12852	11	.....	18.00
Afires	12853	21	.....	19.50

Other prices on application.

PROGRAM REGULATORS.

Contained in the Master Clock case: Ring signals upon any minutes of the twenty-four hours. Movements made with 2, 4 or 6 programs, controlled by switches on outside of the bottom of the clock case. Extra signals can be given at the switch. Used in schools to ring signals for change of classes, and in factories to start and stop work, etc. For controlling employes, this system is without an equal, each department having its own code of signals, if necessary. Accurate. No time lost. Satisfies the employer and is fair to the employe. A money saver, as has been demonstrated.

No. 12854.

Aflamed	12854	2	Program Master Clock.....	225.00
Afloats	12855	4	" " "	265.00
Aflushes	12856	6	" " "	300.00

AUTOMOBILE, MOTOR BOAT AND IGNITION SPECIALTIES.

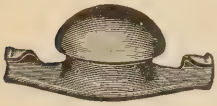
Above are shown some of the many AUTOMOBILE, MOTOR BOAT and IGNITION SPECIALTIES carried, including among other supplies: Klaxon and Jericho Horns, Columbia Dry and Exide Storage Batteries, Havoline Oils and Grease, J. & B. Coils and Velos Timers, Simms British Magnetos, Okonite Auto Cable, Spark Plugs, Goodrich Tires, Stapley Pumps, B. Line Oil Guns, Gilbert Tire Cases, Lamp Covers and Tire Holders, Shaler Vulcanizers, Union Wind Shields, etc., etc.

The above line is so extensive that to include it here would make this catalog too bulky, hence we have listed these goods in a separate Automobile and Motor Boat Catalog, a copy of which will be sent you on request.

RAILWAY SUPPLIES.

CAP AND CONE SUSPENSIONS.

JAPANNED MALLEABLE IRON, BODIES, WITH INSULATION. 5/8 INCH SCREW STUD.



No. 44634.

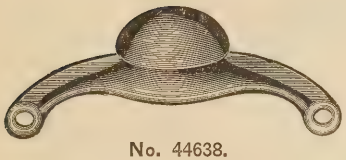
STRAIGHT LINE.

Code. Word.	List No.		List Price Per 100.
Zonuz	44634	Straight line suspension, with insulation..	$67.50
Zopa	44635	Jap. malleable iron body only.....	17.50

No. 44636.

SINGLE CURVE.

Zopab	44636	Single curve suspension, with insulation..	73.50
Zopad	44637	Jap. malleable iron body only.....	23.50



No. 44638.

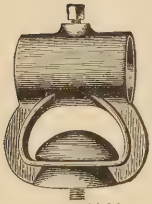
DOUBLE CURVE.

Zopaf	44638	Double curve suspension with insulation	82.50
Zopag	44639	Jap. malleable iron body only...	32.50

No. 44640.

STRAIN SUSPENSION.

Zopah	44640	Complete, with insulation.....	74.00
Zopak	44641	Jap. malleable iron body only.....	24.00



No. 44642.

BRACKET SUSPENSION.

For 1½-inch pipe.

Zopal	44642	Complete, with insulation.....	138.00
Zopam	44643	Jap. malleable iron body only.....	88.00

No. 44644.

CAR BARN SUSPENSION.

Zopan	44644	Complete, with insulation.....	91.00
Zopap	44645	Jap. malleable iron body only.....	41.00

For ¾-inch screw studs, add $2.50 per 100 to list price.

RAILWAY SUPPLIES.

DOUBLE WIRE CAP AND CONE SUSPENSIONS.

INSULATED JAPANNED MALLEABLE IRON BODIES. DISTANCE BETWEEN CENTERS OF TROLLEY WIRES, 6 INCHES. 5/8 INCH SCREW STUD.

STRAIGHT LINE.

No. 44646.

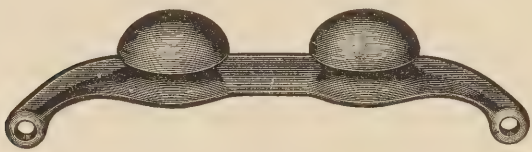
Code Word.	List No.		List Price. Per 100.
Zopar	44646	Straight line suspension with insulation	$141.00
Zopas	44647	Jap. malleable iron body only	41.00

SINGLE CURVE.

No. 44648.

Zopat	44648	Single curve suspension with insulation	150.00
Zopav	44649	Jap. malleable iron body only	50.00

DOUBLE CURVE.

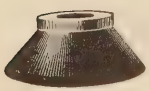


No. 44650.

Zopaw	44650	Double curve suspension with insulation	160.00
Zopax	44651	Jap. malleable iron body only	60.00

For 3/4-inch screw studs, add $5.00 per 100 to list price.

CAP AND CONE INSULATORS.



With 5/8-inch Screw Stud.

Zopaz	44652	Cap and cone insulator	50.00
Zope	44653	Cap only	31.50
Zopeb	44654	Cone only	18.50

With 3/4-inch Screw Stud.

Zoped	44655	Cap and cone insulator	52.50
Zopef	44656	Cap only	34.00
Zopeg	44657	Cone only	18.50

LOCK WASHERS.

Zopeh	44658	Additional, per 100	5.00

RAILWAY SUPPLIES.

THE WEST END TROLLEY WIRE SUSPENSIONS.

FITTED WITH INSULATING BOLT, WITH 5/8-INCH SCREW STUD.

The original forms of West End trolley line insulators with two improvements, namely: The cap is now provided with metal fingers, which may readily be bent down and made to engage lugs on upper part of body. These will prevent cap from unscrewing through vibration of line.

The lower part of insulating bolt is flattened on opposite sides, and thus prepared to engage a wrench.

No. 44275.

STRAIGHT LINE SUSPENSION.

BRONZE METAL BODY.

Code Word.	List No.		List Price, Per 100.
Zohux	44275	Complete without ear	$185.00
Zohuz	44276	Bronze metal body only.....	140.00

JAPANNED MALLEABLE IRON BODY.

Zoka	44277	Complete without ear	95.00
Zokab	44278	Jap. malleable iron body only.....	50.00

GALVANIZED MALLEABLE IRON BODY.

Zokad	44279	Complete without ear	100.00
Zokaf	44280	Galv. malleable iron body only.....	55.00
Zokag	44281	Insulating bolt for above suspensions with 5/8-inch screw stud.	45.00

No. 44282.

SINGLE CURVE SUSPENSION.

BRONZE METAL BODY.

Zokah	44282	Complete without ear	195.00
Zokak	44283	Bronze metal body only.....	150.00

JAPANNED MALLEABLE IRON BODY.

Zokal	44284	Complete without ear	95.00
Zokam	44285	Jap. malleable iron body only.....	50.00

GALVANIZED MALLEABLE IRON BODY.

Zokan	44286	Complete without ear	100.00
Zokap	44287	Galv. malleable iron body only.....	55.00

No. 44288.

DOUBLE CURVE SUSPENSION.

BRONZE METAL BODY.

Zokar	44288	Complete without ear	220.00
Zokas	44289	Bronze metal body only.....	175.00

JAPANNED MALLEABLE IRON BODY.

Zokat	44290	Complete without ear	105.00
Zokav	44291	Jap. malleable iron body only.....	60.00

GALVANIZED MALLEABLE IRON BODY.

Zokaw	44292	Complete without ear	112.50
Zokax	44293	Galv. malleable iron body only....	67.50
Zokaz	44294	Insulating bolt for above suspensions, with 5/8-inch screw stud.	45.00

For 3/4-inch stud, add $2.50 per 100 to list price.

RAILWAY SUPPLIES.

WEST END BRACKET ARM SUSPENSION.

FITTED WITH INSULATING BOLT, WITH 5/8-INCH SCREW STUD.

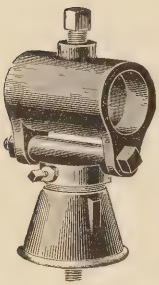
FOR 1½-INCH PIPE.

BRONZE METAL BODY. IRON SLEEVE.

Code. Word.	List No.		List Price Per 100.
Zoke	44295	Complete without ear	$245.00
Zokeb	44296	Bronze body, without insulating bolt, sleeve or ear	140.00

JAPANNED MALLEABLE IRON BODY. IRON SLEEVE.

Zoked	44297	Complete without ear	170.00
Zokef	44298	Jap. malleable iron body, without insulating bolt, sleeve or ear	65.00



No. 44295.

GALVANIZED MALLEABLE IRON BODY.

Zokeg	44299	Complete without ear	180.00
Zokeh	44300	Galv. malleable iron body only	75.00
Zokek	44301	Iron sleeve only for above	60.00
Zokel	44302	Insulating bolt only for above	45.00

For ¾-inch stud, add $2.50 per 100 to list price.

For galvanized sleeve, add $5.00 per 100 to above list price.

HEAVY WEST END TROLLEY WIRE SUSPENSIONS.

FITTED WITH INSULATING BOLT, WITH ¾ SCREW STUD SPECIFIED FOR EXTRA HEAVY WIRE.

STRAIGHT LINE SUSPENSION.

BRONZE METAL BODY.

Zokem	44303	Complete without ear	287.00
Zoken	44304	Bronze metal body only	212.00

SINGLE CURVE SUSPENSION.

BRONZE METAL BODY.

Zokep	44305	Complete without ear	315.00
Zoker	44306	Bronze metal body only	240.00

DOUBLE CURVE SUSPENSION.

BRONZE METAL BODY.

Zokes	44307	Complete without ear	393.00
Zoket	44308	Bronze metal body only	318.00

No. 44303.

BRACKET ARM SUSPENSION.

FOR 1½-INCH PIPE.

Zokev	44309	Complete without ear	347.00
Zokew	44310	Bronze metal body, without insulating bolt, sleeve or ear	212.00
Zokex	44311	Iron sleeve, with machine bolt	60.00

BRACKET ARM SUSPENSION.

FOR 2-INCH PIPE.

Zokez	44312	Complete	347.00
Zoki	44313	Bronze metal body, without insulating bolt, sleeve or arm	287.00
Zokib	44314	Iron sleeve, with machine bolt	60.00
Zokid	44315	Insulating bolt, ¾-inch stud	75.00

To fit above suspensions only.

RAILWAY SUPPLIES.

INSULATING BOLT.

WITH DROP-FORGED STEEL STUD. FOR WEST END TROLLEY WIRE SUSPENSIONS.

Code Word.	List No.		List Price. Per 100.
Zokif	44316	⅝-inch screw stud	$45.00
Zokig	44317	¾-inch screw stud	47.50

SHORT INSULATING BOLT.

FOR CAR HOUSE AND MINING SUSPENSIONS.

No. 44316. Zokih 44318 ⅝-inch screw stud 45.00

LARGE INSULATING BOLT.

FOR HEAVY WEST END TROLLEY WIRE INSULATORS.

Zokik 44319 ¾-inch screw stud 75.00

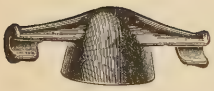
BRONZE FEEDER PLUG.

For feeding in through suspension this plug is inserted in place of insulating bolt.

No. 44320	Zokil	44320	With ⅝-inch screw stud	100.00
	Zokim	44321	With ¾-inch screw stud	102.50

"L. S." INSULATED TROLLEY LINE SUSPENSIONS.

STRAIGHT LINE SUSPENSIONS.



No. 44322.

MEDIUM PATTERN, COMPLETE WITHOUT EAR, ⅝-INCH SCREW STUD.

Zokin	44322	Bronze metal body	150.00
Zokip	44323	Japanned malleable iron body	75.00
Zokir	44324	Galvanized malleable iron body	80.00

No. 44325.

STANDARD PATTERN, COMPLETE WITHOUT EAR, ⅝-INCH SCREW STUD.

Zokis	44325	Bronze metal body	175.00
Zokit	44326	Japanned malleable iron body	90.00
Zokiv	44327	Galvanized malleable iron body	95.00

For ¾-inch stud, add $2.50 per 100 to list price.

RAILWAY SUPPLIES.

"L. S." BRACKET ARM SUSPENSIONS.

MEDIUM PATTERN, 5/8-INCH SCREW STUD.

FOR 1½-INCH PIPE.

INSULATED BRONZE METAL BODY, JAPANNED IRON SLEEVE.

Code Word.	List No.		List Price, Per 100.
Zokiw	44328	Complete without ear	$210.00
Zokix	44329	Hanger only, without sleeve or ear	150.00
Zokiz	44330	Jap. iron sleeve, with machine bolt and set screw	60.00

No. 44328.

INSULATED JAPANNED MALLEABLE IRON BODY, JAPANNED IRON SLEEVE.

Zoko	44331	Complete without ear	135.00
Zokob	44332	Hanger only, without sleeve or ear	75.00
Zokod	44333	Iron sleeve, with machine bolt and set screw	60.00

INSULATED GALVANIZED MALLEABLE IRON BODY, GALVANIZED IRON SLEEVE.

Zokof	44334	Complete without ear	145.00
Zokog	44335	Hanger only, without sleeve or ear	80.00
Zokoh	44336	Iron sleeve, with machine bolt and set screw	65.00

For ¾-inch screw stud, add $2.50 per 100 to list price.

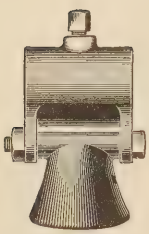
"L. S." BRACKET ARM SUSPENSION.

STANDARD PATTERN, 5/8-INCH SCREW STUD.

FOR 1½-INCH PIPE.

INSULATED BRONZE METAL BODY. IRON SLEEVE.

Zokok	44337	Complete without ear	235.00
Zokol	44338	Hanger only, without sleeve or ear	175.00
Zokom	44339	Iron sleeve, with machine bolt and set screw	60.00



No. 44337.

INSULATED JAPANNED MALLEABLE IRON BODY. IRON SLEEVE.

Zokon	44340	Complete without ear	150.00
Zokop	44341	Hanger only, without sleeve or ear	90.00
Zokor	44342	Iron sleeve, with machine bolt and set screw	60.00

INSULATED GALVANIZED MALLEABLE IRON BODY. GALVANIZED IRON SLEEVE.

Zokos	44343	Complete without ear	160.00
Zokot	44344	Hanger only, without sleeve or ear	95.00
Zokov	44345	Iron sleeve, with machine bolt and set screw	65.00

For ¾-inch screw stud, add $2.50 per 100 to list price.

RAILWAY SUPPLIES.

CAR HOUSE SUSPENSIONS.

IRON BODY. INSULATING BOLT.

No. 44346.

Code Word.	List No.		List Price, Per 100.
Zokow	44346	Complete without ear, insulating bolt	$75.00
Zokox	44347	Iron body only	30.00
Zokoz	44348	Insulating bolt only	45.00

"L. S." MINE SUSPENSION.

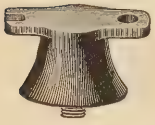
MEDIUM PATTERN.

No. 44349.

Zoku	44349	Bronze metal, special insulation	175.00
Zokub	44350	Jap. malleable iron castings, special insulation	75.00
Zokud	44351	Galv. malleable iron castings, special insulation	80.00

L. S. MINE SUSPENSION.

STANDARD PATTERN.



No. 44370.

Zolaf	44370	Bronze metal, special insulation	175.00
Zolag	44371	Jap. malleable iron castings, special insulation	90.00
Zolah	44372	Galv. malleable iron castings, special insulation	95.00

MINE SUSPENSIONS.

FITTED WITH INSULATING BOLT. 5/8-INCH SCREW STUD. BRONZE METAL BODY.

No. 44352.

Zokuf	44352	Complete without ear	190.00
Zokug	44353	Bronze metal body only	145.00
Zokuh	44354	Insulating bolt only	45.00

JAPANNED MALLEABLE IRON BODY.

Zokuk	44355	Complete without ear	100.00
Zokul	44356	Jap. malleable iron body only	55.00
Zokum	44357	Insulating bolt only	45.00

GALVANIZED MALLEABLE IRON BODY.

Zokun	44358	Complete without ear	105.00
Zokup	44359	Galv. iron body only	60.00
Zokur	44360	Insulating bolt only	45.00

SCREW CAP MINE SUSPENSION.

BRONZE METAL BODY.

Zokus	44361	Complete without ear	190.00
Zokut	44362	Bronze metal only	145.00
Zokuv	44363	Insulating bolt only	45.00

No. 44361.

JAPANNED MALLEABLE IRON BODY.

Zokuw	44364	Complete without ear	100.00
Zokux	44365	Jap. malleable iron body only	55.00
Zokuz	44366	Insulating bolt only	45.00

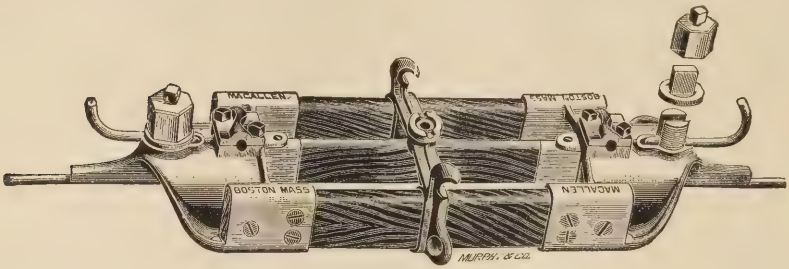
GALVANIZED MALLEABLE IRON BODY.

Zola	44367	Complete without ear	105.00
Zolab	44368	Galv. malleable iron body only	60.00
Zolad	44369	Insulating bolt only	45.00

RAILWAY SUPPLIES.

SECTION INSULATORS.

STANDARD PATTERN FOR 0 AND 00 TROLLEY WIRE.



No. 44913.

Code Word.	List No.		List Price, Each.
Zowaf	44913	With 2 in. side bars	$10.00
Zowag	44914	With 2½ in. side bars	11.25
Zowah	44915	With 3 in. side bars	12.50
Zowak	44916	Heavy pattern for 0000 trolley wire, with feed wire clamp for 0000 or for 500,000 C. M. wire	17.50

"L. S." SINGLE CURVE SUSPENSION.

No. 44436.

			List Price, Per 100.
Zolow	44436	Jap. malleable iron casting, with malleable iron and 2½-inch globe	100.00
Zolox	44437	Galv. malleable iron casting, with malleable iron and 2½-inch globe	105.00

No. 44438.

"L. S." DOUBLE CURVE SUSPENSION.

WITH ⅝-INCH SCREW STUD.

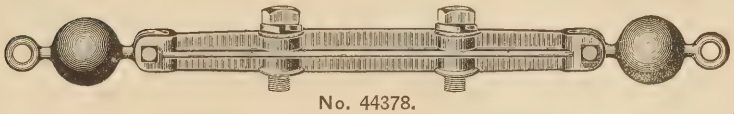
Zoloz	44438	Jap. malleable iron casting, with malleable iron and 2½-inch globes	180.00
Zolu	44439	Galv. malleable iron casting, with malleable iron and 2½-inch globe	187.50
Zolub	44440	Malleable iron and 2½-inch globe only for "L. S." suspension	60.00

For ¾-inch screw stud for above suspensions, add $2.50 per 100 to list price.

RAILWAY SUPPLIES.

"L. S." TWIN STRAIGHT LINE SUSPENSION.

WITH 5/8-INCH SCREW STUD.



No. 44378.

Code Word.	List No.		List Price, Per 100.
Zolev	44378	Jap. malleable iron casting with malleable iron and 2½-inch globes	$212.50
Zolew	44379	Galv. malleable iron casting with malleable iron and 2½-inch globes	225.00

For ¾-inch screw stud for the above suspension, add $5.00 per 100 to list price.

"L. S." DOUBLE WIRE TROLLEY LINE SUSPENSIONS.

With 5/8-inch screw studs. Distance between centers of wires, 6 inches.

YOKE FOR DOUBLE TROLLEY.

To be used with "L. S." or Cap and Cone Straight Line Suspensions. Bored and tapped for 5/8-inch screw stud and provided with two 5/8-inch bolts.

No. 44380.

Zolex	44380	Jap. malleable iron yoke, with two bolts	60.00
Zolez	44381	Galv. malleable iron yoke, with two bolts	65.00

SINGLE CURVE SUSPENSION.

No. 44382.

Zoli	44382	Jap. malleable iron casting, with malleable iron and 2½-inch globe	130.00
Zolib	44383	Galv. malleable iron casting, with malleable iron and 2½-inch globe	137.00

DOUBLE CURVE SUSPENSION.

No. 44384.

Zolid	44384	Jap. malleable iron casting with malleable iron and globes	212.50
Zolif	44385	Galv. malleable iron casting, with malleable iron and globes	225.00

For ¾-inch screw studs for the above suspensions, add $5.00 per 100 to list price.

RAILWAY SUPPLIES.

BROOKLYN STRAIN INSULATORS.

COMBINATION STRAIN INSULATOR AND TURNBUCKLE. WILL TAKE UP THREE INCHES OF SLACK.

No. 44441.

BRONZE METAL AND INSULATION. DROP-FORGED EYE-BOLT.

Code. Word.	List No.		List Price Per 100.
Zolud	44441	Regular size	$200.00
Zoluf	44442	Large size	385.00

JAPANNED MALLEABLE IRON AND INSULATION. DROP-FORGED EYE-BOLT.

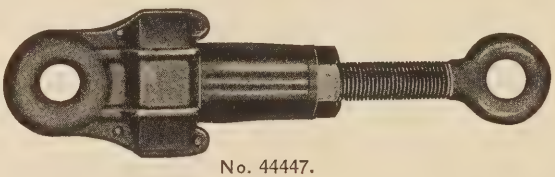
Zolug	44443	Regular size	132.50
Zoluh	44444	Large size	250.00

GALVANIZED MALLEABLE IRON AND INSULATION. DROP-FORGED EYE-BOLT.

Zoluk	44445	Regular size	137.50
Zolul	44446	Large size	260.00

MAMMOTH BROOKLYN STRAIN INSULATOR.

BRONZE METAL, WITH INSULATION. 1⅛ INCH EYE-BOLT, WITH 1¼ INCH HOLE.



No. 44447.

Zolum	44447		1,650.00
Zolun	44448	Insulating part only for No. 44441	100.00
Zolup	44449	Insulating part only for No. 44442	160.00
Zolur	44450	Insulating part only for No. 44443	75.00
Zolus	44451	Insulating part only for No. 44444	115.00

DOUBLE BROOKLYN STRAIN.

WITH INSULATION.

No. 44452.

STANDARD SIZE, ⅝ INCH EYE-BOLTS.

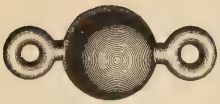
Zolut	44452	With bronze castings	390.00
Zoluv	44453	With galv. malleable iron castings	262.50

LARGE SIZE, ¾ INCH EYE-BOLTS.

Zoluw	44454	With bronze castings	657.50
Zolux	44455	With jap. malleable iron castings	462.50
Zoluz	44456	With galv. malleable iron castings	487.50

RAILWAY SUPPLIES.

GLOBE STRAIN INSULATOR.



No. 44457.

BRONZE METAL CASTINGS AND INSULATION.

Code Word.	List No.		List Price, Per 100.
Zomed	44457	Small, diameter 2 inches.....	$62.50
Zomef	44458	Medium, diameter 2½ inches...	75.00
Zomeg	44459	Large, diameter 3 inches.....	141.00

GALVANIZED MALLEABLE IRON CASTINGS AND INSULATION.

Zomeh	44480	Small, diameter 2 inches.....	50.00
Zomek	44481	Medium, diameter 2½ inches...	60.00
Zomel	44482	Large, diameter 3 inches.....	112.50

GLOBE STRAIN INSULATOR WITH CLEVIS.

No. 44483.

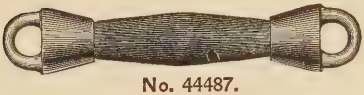
BRONZE METAL CASTINGS AND INSULATION.

Zomem	44483	Small, diameter 2 inches.....	75.00
Zomen	44484	Regular, diameter 2½ inches....	87.50

GALVANIZED MALLEABLE IRON CASTINGS AND INSULATION.

Zomep	44485	Small, diameter 2 inches.....	60.00
Zomer	44486	Regular, diameter 2½ inches....	70.00

WOOD STRAIN INSULATORS.

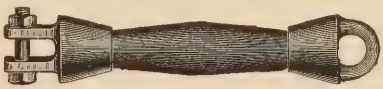


No. 44487.

Zomes 44487 Standard size 42.50

No. 44488.

Zomet 44488 Standard size, with boss tapped ⅝-in.—11..... 50.00



No. 44489.

Zomev 44489 Standard size, with clevis..... 52.50

No. 44490.

Zomew 44490 Extra long—20 inches over all..... 75.00

RAILWAY MATERIAL.

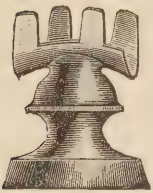
FEED WIRE INSULATORS.

MADE WITH MALLEABLE IRON SHELL AND COMPOUND INSULATION.

No. 44700.

ARMORED CORNER FEED WIRE INSULATOR.

Code Word.	List No.		Per 100. List Price.
Zopor	44700	For 0000 wire	$87.50
Zopos	44701	For 500,000 C. M. wire	87.50
Zopot	44702	For 1,000,000 C. M. wire	100.00



No. 44703.

COMBINATION ARMORED FEED WIRE INSULATORS.

Can Be Used for Either Straight Line or Corner.

Zopov	44703	For 0000 wire	90.00
Zopow	44704	For 500,000 C. M. wire	90.00

No. 44705.

SOLID COMPOUND FEED WIRE INSULATORS.

Zopox	44705	For 0000 wire	87.50
Zopoz	44706	For 500,000 C. M. wire	87.50
Zopu	44707	For 1,000,000 C. M. wire	100.00

No. 44708.

With Top Groove.

Zopub	44708	For 500,000 C. M. wire, 1¼ in. top groove	125.00
Zopud	44709	For 1,000,000 C. M. wire, 1⅝ in. top groove	125.00

No. 44710.

ARMORED FEED WIRE INSULATORS.

MADE WITH MALLEABLE IRON SHELL AND COMPOUND INSULATION.

ARMORED STRAIGHT LINE FEED WIRE INSULATOR.

Zopuf	44710	For 0000 wire	82.50
Zopug	44711	For 500,000 C. M. wire	82.50
Zopuh	44712	For 1,000,000 C. M. wire	95.00

No. 44713.

SCREW CAP FEED WIRE INSULATOR.

ALL MALLEABLE IRON PARTS.

Zopuk	44713	For 1⅛ inch O. D. Cable	137.50
Zopul	44714	For 1¼ inch O. D. Cable	162.50
Zopum	44715	For 1⅝ inch O. D. Cable	162.50

ALL BRONZE METAL PARTS.

Zopun	44716	For 1⅛ inch O. D. Cable	237.50
Zopup	44717	For 1¼ inch O. D. Cable	275.00
Zopur	44718	For 1⅝ inch O. D. Cable	275.00

RAILWAY SUPPLIES.

GUARD WIRE HANGERS.

PORCELAIN INSULATION.

No. 44499.

Code. Word.	List No.		List Price Per 100.
Zomik	44499	For straight line, malleable iron castings	$30.00

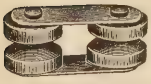
No. 44500.

Zomil	44500	Single pull-off, malleable iron castings	30.00

No. 44501.

Zomim	44501	Double pull-off, malleable iron castings	30.00

STRAIN INSULATOR FOR GUARD WIRE.



No. 44502.

Zomin	44502	With porcelain insulators	37.50
Zomip	44503	With special insulators	125.00

GUARD WIRE HANGERS.

ALLEABLE IRON, WITH INSULATION.

No. 44504.

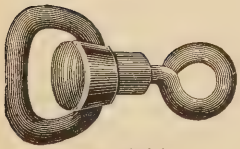
Zomir	44504	For straight line	50.00

No. 44505.

Zomis	44505	Single pull-off	50.00

No. 44506.

Zomit	44506	Double pull-off	50.00



No. 44507.

HEAVY TERMINAL.

This insulator is constructed to stand heavy strains, and is used generally at trolley wire terminals.

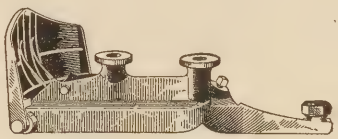
Zomiv	44507	Bronze metal, with insulation	200.00

RAILWAY SUPPLIES.

TROLLEY FROGS.

(Patented.)

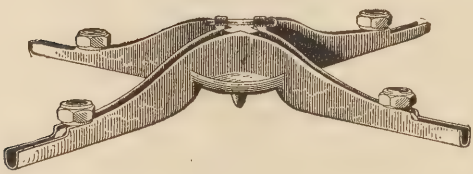
Code Word.	List No.		List Price. Each.
Zolak	44386	Right-hand frog, Form G, 20° angle, for No. 000 round or grooved wire	$7.50
Zolal	44387	Left- hand frog, Form G, 20° angle, for No. 000 round or grooved wire	7.50
Zolam	44388	V frog, Form G, 20° angle, for No. 000 round or grooved wire..	7.50
Zolan	44389	Three-way frog, Form G, 20° angle	10.00
Zolap	44390	Right-hand frog, Form G, 15° angle, for No. 0000 round or grooved wire	10.00
Zolar	44391	Left-hand frog, Form G, 15° angle, for No. 0000 round or grooved wire	10.00
Zolas	44392	V frog, Form G, 15° angle, for No. 0000 round or grooved wire.	10.00
Zolat	44396	Three-way frog, Form G, 15° angle	12.50
Zolav	44393	Right-hand frog, Form G, 8° angle, for No. 0000 round or grooved wire	15.00
Zolaw	44394	Left-hand frog, Form G, 8° angle, for No. 0000 round or grooved wire	15.00
Zolax	44395	V frog, Form G, 8° angle, for No. 0000 round or grooved wire..	15.00



Zolaz	44397	Drawbridge frog, Form G, complete, tapped ⅝"-11	13.50
Zole	44398	Drawbridge frog, Form G, without spring contact, ⅝"-11	10.00

CROSSINGS.

(Patented.)



Zoleb	44399	Right angle crossing, Form G, for round or grooved wire up to No. 000	6.00
Zoled	44400	Right angle crossing, Form G, for round or grooved wire up to No. 0000	6.00
Zolef	44401	35° crossing for round or grooved wire up to No. 000	6.00
Zoleg	44402	15° crossing for round or grooved wire up to No. 0000	6.00
Zoleh	44403	Adjustable crossing, Form G, for round or grooved wire up to No. 000	8.50
Zolek	44404	Adjustable crossing, Form G, for round or grooved wire up to No. 0000	8.50
Zolel	44405	Adjustable crossing, Form G, for round or grooved wire up to No. 000	8.50
Zolem	44406	Adjustable crossing, Form G, for round or grooved wire up to No. 0000	8.50

RAILWAY SUPPLIES.

EARS.

HIGH CENTER EARS, FOR 5/8 INCH SCREW STUD.

FOR USE WITH "L. S." OR CAP AND CONE HANGERS AND PULL-OFFS, FOR 5/8 INCH SCREW STUD. DEEP GROOVE.

No. 44508.

Code Word.	List No.		List Price, Per 100.
Zomiw	44508	15-inch, for 0 B. & S. wire	$55.00
Zomix	44509	15-inch, for 00 B. & S. wire	55.00
Zomiz	44510	15-inch, for 000 B. & S. wire	77.00
Zomo	44511	15-inch, for 0000 B. & S. wire	77.00

STRAIN EAR.

No. 44512.

Zomob	44512	15-inch, for 0 B. & S. wire	85.00
Zomod	44513	15-inch, for 00 B. & S. wire	85.00
Zomof	44514	15-inch, for 000 B. & S. wire	110.00
Zomog	44515	15-inch, for 0000 B. & S. wire	110.00

SPLICE EAR.

No. 44516.

Zomoh	44516	15-inch, for 0 B. & S. wire	100.00
Zomok	44517	15-inch, for 00 B. & S. wire	100.00
Zomol	44518	15-inch, for 000 B. & S. wire	125.00
Zomom	44519	15-inch, for 0000 B. & S. wire	125.00

FEED EAR.

No. 44520.

Zomon	44520	15-inch, for 0 B. & S. wire	77.50
Zomop	44521	15-inch, for 00 B. & S. wire	77.50
Zomor	44522	15-inch, for 000 B. & S. wire	105.00
Zomos	44523	15-inch, for 0000 B. & S. wire	105.00

These Ears, with the exception of those for No. 0 wire, can be furnished for 3/4 inch screw stud, at the same list price, but orders must so specify.

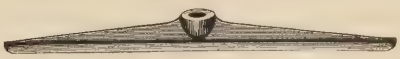
RAILWAY SUPPLIES.

EARS.

LOW CENTER EARS.

FOR USE WITH WEST END INSULATORS. FOR 5/8-INCH SCREW STUD.

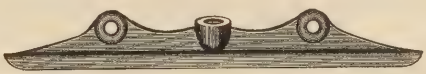
DEEP GROOVE.



No. 44524.

Code. Word.	List No.		List Price Per 100.
Zonan	44524	15-inch, for 0 B. & S. wire	$55.00
Zonap	44525	15-inch, for 00 B. & S. wire	55.00
Zonar	44526	15-inch, for 000 B. & S. wire	77.00
Zonas	44527	15-inch, for 0000 B. & S. wire	77.00

STRAIN EAR.



No. 44528.

Zonat	44528	15-inch, for 0 B. & S. wire	85.00
Zonav	44529	15-inch, for 00 B. & S. wire	85.00
Zonaw	44530	15-inch, for 000 B. & S. wire	110.00
Zonax	44531	15-inch, for 0000 B. & S. wire	110.00

SPLICE EAR.

No. 44532.

Zonaz	44532	15-inch, for 0 B. & S. wire	100.00
Zoneb	44533	15-inch, for 00 B. & S. wire	100.00
Zoned	44534	15-inch, for 000 B. & S. wire	125.00
Zonef	44535	15-inch, for 0000 B. & S. wire	125.00

FEED EAR.

No. 44536.

Zoneg	44536	15-inch, for 0 B. & S. wire	77.50
Zoneh	44537	15-inch, for 00 B. & S. wire	77.50
Zonek	44538	15-inch, for 000 B. & S. wire	105.00
Zonel	44539	15-inch, for 0000 B. & S. wire	105.00

These Ears, with the exception of those for No. 0 wire, can be furnished for 3/4-inch screw stud at the same list price, but orders must so specify.

RAILWAY SUPPLIES.

EARS.

SOLDER EARS FOR GROOVED WIRE.

No. 44572.
12 INCHES LONG.

Code Word.	List No.		List Price, Per 100.
Zonem	44572	For 2/0 B. & S. grooved wire, ⅝-inch stud.....	$52.50
Zonen	44573	" 3/0 " " " " " "	67.50
Zonep	44574	" 4/0 " " " " " "	67.50

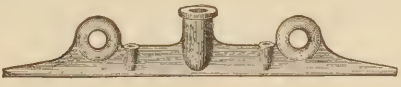
No. 44575.
15 INCHES LONG.

Zoner	44575	For 2/0 B. & S. grooved wire, ⅝-inch stud.....	82.00
Zonev	44576	" 3/0 " " " " " "	83.00
Zonet	44577	" 4/0 " " " " " "	83.00

ANCHOR EAR.

No. 44578.
12 INCHES LONG.

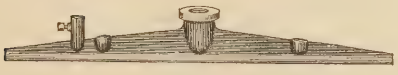
Zonew	44578	For 2/0 B. & S. grooved wire, ⅝-inch screw stud.....	85.00
Zonex	44579	" 3/0 " " " " " "	110.00
Zonez	44580	" 4/0 " " " " " "	110.00



No. 44581.
15 INCHES LONG.

Zoni	44581	For 2/0 B. & S. grooved wire, ⅝-inch stud.....	120.00
Zonib	44582	" 3/0 " " " " " "	120.00
Zonid	44583	" 4/0 " " " " " "	125.00

FEEDER EAR.



No. 44584.
15 INCHES LONG.

Zonif	44584	For 2/0 B. & S. grooved wire, ⅝-inch stud.....	90.00
Zonig	44585	" 3/0 " " " " " "	105.00
Zonih	44586	" 4/0 " " " " " "	105.00

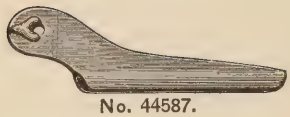
These Ears can be furnished for ¾ inch screw stud at the same list price, but orders must so specify.

RAILWAY SUPPLIES.

EARS.

HALF STRAIN EARS.

6 Inches Long.



No. 44587.

Code. Word.	List No.		List Price Per 100.
Zonik	44587	For 0 B. & S. wire.....	$40.00
Zonil	44588	For 00 B. & S. wire.....	40.00
Zonim	44589	For 0000 B. & S. wire.....	50.00

STANDARD CLAMPING EARS. FOR 5/8 INCH SCREW STUD.

For Grooved and Figure Eight Trolley Wire.

No. 44590.

For Grooved Wire—4 Inches Long.

Zonin	44590	Bronze metal, for 2/0, 3/0 or 4/0 B. & S. wire.....	62.50
Zonip	44591	Jap. malleable iron, for 2/0, 3/0 or 4/0 B. & S. wire.....	30.00
Zonir	44592	Galv. malleable iron, for 2/0, 3/0 or 4/0 B. & S. wire.....	32.50

No. 44593.

For Figure Eight Wire—4 Inches Long.

Zonis	44593	Bronze metal, for 2/0, 3/0 or 4/0 B. & S. wire.....	62.50
Zonit	44594	Jap. malleable iron, for 2/0, 3/0 or 4/0 B. & S. wire.....	30.00
Zoniv	44595	Galv. malleable iron, for 2/0, 3/0 or 4/0 B. & S. wire.....	32.50

For 2/0, 3/0 or 4/0 Grooved Wire.

5 Inches Long.

No. 44596.

Zoniw	44596	Bronze metal.....	62.50
Zonix	44597	Jap. malleable iron.....	30.00
Zoniz	44598	Galv. malleable iron.....	32.50

For 2/0, 3/0 or 4/0 Figure Eight Wire.

Zono	44599	Bronze metal.....	62.50
Zonob	44600	Jap. malleable iron.....	30.00
Zonod	44601	Galv. malleable iron.....	32.50

For 2/0, 3/0 or 4/0 Grooved Wire.

7 Inches Long.

No. 44602.

Zonof	44602	Bronze metal, for 5/8-inch screw stud.....	85.00
Zonog	44603	Jap. malleable iron, for 5/8-inch screw stud.....	35.00
Zonoh	44604	Galv. malleable iron, 5/8-inch screw stud.....	37.50

9 Inches Long.

No. 44605.

Zonok	44605	Bronze metal, for 5/8-inch screw stud.....	95.00
Zonol	44606	Jap. malleable iron, for 5/8-inch screw stud.....	40.00
Zonom	44607	Galv. malleable iron, for 5/8-inch screw stud.....	42.50

Ears for 2/0, 3/0 or 4/0 Grooved Trolley Wire, 7 and 9 inches long, can also be furnished for 3/4 inch screw stud at the same list price, but orders must so specify.

RAILWAY SUPPLIES.

EARS.

STANDARD CLAMPING EARS.

For 2/0, 3/0 or 4/0 Grooved Wire.

No. 44608.

FEEDER CLAMP EARS.

5 Inches Long.

Code. Word.	List No.		List Price Per 100.
Zonon	44608	Bronze metal, for ⅝ inch screw stud	$75.00

8 Inches Long.

Zonop	44609	Bronze metal, for ⅝ inch screw stud	105.00

No. 44609.

STRAIN CLAMP EARS.

8 Inches Long.

Zonor	44610	Bronze metal, for ⅝ inch screw stud	125.00
Zonos	44611	Jap. malleable iron, for ⅝ inch screw stud	55.00
Zonot	44612	Galv. malleable iron, for ⅝ inch screw stud	60.00

No. 44610.

12 Inches Long.

Zonov	44613	Bronze metal, for ⅝ inch screw stud	125.00
Zonow	44614	Jap. malleable iron, for ⅝ inch screw stud	55.00
Zonox	44615	Galv. malleable iron, for ⅝ inch screw stud	60.00

No. 44613.

CURVE EARS.

10 Inches Long.

Zonoz	44616	Bronze metal, for ⅝ inch screw stud	100.00
Zonu	44617	Jap. malleable iron, for ⅝ inch screw stud	42.50
Zonub	44618	Galv. malleable iron, for ⅝ inch screw stud	45.00

No. 44616.

14 Inches Long.

Zonud	44619	Jap. malleable iron, for ⅝ inch screw stud	57.50
Zonuf	44620	Galv. malleable iron, for ⅝ inch screw stud	62.50

No. 44619.

These Ears can be furnished for ¾ inch screw stud at the same list price, but orders must so specify.

RAILWAY SUPPLIES.

K. I. SPLICING SLEEVES.

Code Word.	List No.		List Price, Per 100.
Zolen	44373	For 1/0 B. & S. round wire	$125.00
Zolep	44374	For 2/0 B. & S. round wire	125.00
Zoler	44375	For 3/0 B. & S. round wire	137.50
Zoles	44376	For 4/0 B. & S. round wire	150.00
Zolet	44377	For 3/0 B. & S. grooved wire	150.00
Zolol	44428	For 4/0 B. & S. grooved wire	162.50

SOLID METAL SPLICING SLEEVES.

FOR ROUND OR GROOVED WIRE.

Zolom	44429	For No. 1/0 B. & S. round wire	100.00
Zolon	44430	For No. 2/0 B. & S. round wire	115.00
Zolop	44431	For No. 3/0 B. & S. round wire	200.00
Zolor	44432	For No. 4/0 B. & S. round wire	275.00
Zolos	44433	For No. 2/0 B. & S. grooved wire	200.00
Zolot	44434	For No. 3/0 B. & S. grooved wire	275.00
Zolov	44435	For No. 4/0 B. & S. grooved wire	275.00

SOLDERLESS TROLLEY WIRE CONNECTOR.

In our trolley wire connector we have a device which has long been needed in this particular line of wire splicing. This connector will not only securely hold the wires together, but will not throw the trolley wheel from the wire, no matter how fast the car may be moving. Its outside diameter at the center is about three-quarters of an inch, tapering down to the size of the wire at the ends. It is fourteen inches long, and weighs but fifteen ounces. Its application is the same as our solderless wire and cable connectors, listed elsewhere, excepting that after the nut and split cone are placed on the end of the wire, take a hammer and up-set the ends of the wire.

Prices quoted on application.

TERMINAL CLAMP.

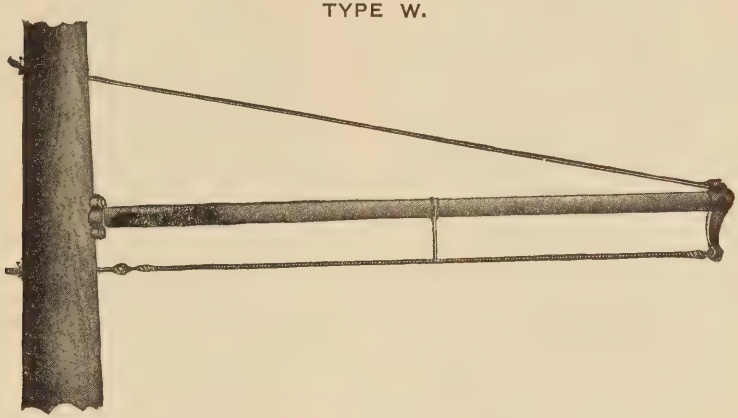
A bronze metal clamp to be used at the terminals of the trolley wire, or in other places where an ordinary wire loop is not sufficient to hold the strain.

Code Word.	List No.		List Price, Each.
Zoxun	45236	For 0 B. & S. wire	2.50
Zoxup	45237	For 00 B. & S. wire	2.50
Zoxur	45238	For 000 B. & S. wire	3.00
Zoxus	45239	For 0000 B. & S. wire	3.50

BRACKET ARMS.

FLEXIBLE BRACKET ARM, WITH STAY ROD, FOR WOODEN POLES.

TYPE W.

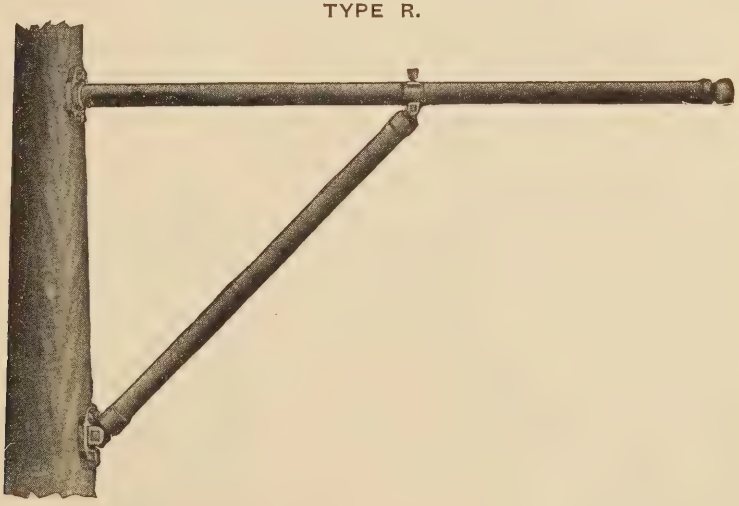


Our Type W Bracket meets the demand for a strong and serviceable bracket at a low price. The many thousands in use attest their superiority. Pipe and fittings used with this bracket are High Carbon Steel Tube, 1⅞ in. diameter. All castings are malleable iron. Guy rod, 7/16 in. diameter. Galvanized cable, 5/16 inch. We furnish this bracket complete, in any lengths, for single or double track.

Code Word.	List No.		List Price, Each.
Zorah	44719	Nine feet by 1⅞ outside diameter, steel tube.....	$3.00

RIGID BRACKET ARM.

TYPE R.



Our Type R Rigid Bracket Arm is made of steel tubing, very light and strong, with malleable iron fittings. We furnish this bracket complete, in any length, for single or double track.

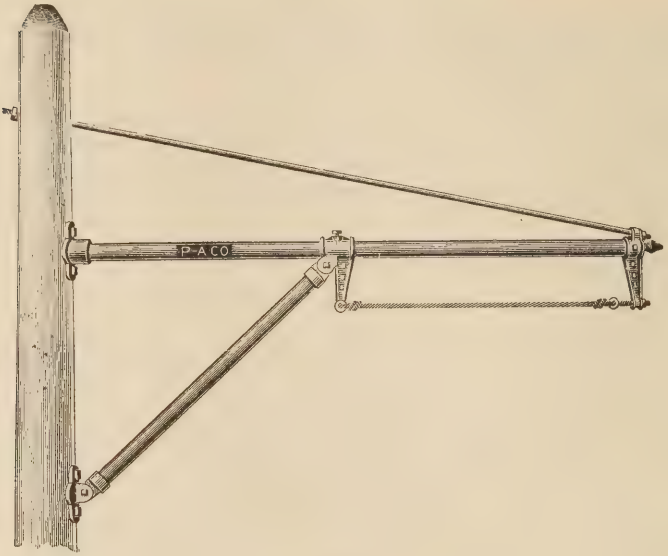
Zorak	44720	Eight feet by 1½ inch arm.....	5.00

Other styles of Rigid or Flexible Bracket Arms, for single or double track, are listed in special circular, which will be mailed on application.

BRACKET ARMS—(Continued).

FLEXIBLE BRACKET ARM, WITH STAY ROD AND UNDER BRACE.

TYPE S.



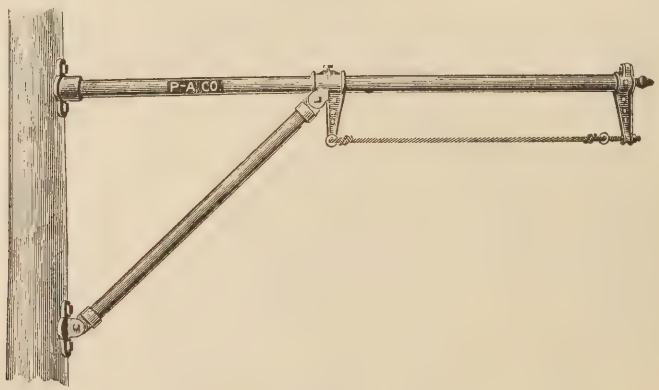
No. 45240.

Our type S Bracket Arm is the strongest of our standard Arms. Pipe used is High Carbon Steel Tube 1⅞ in. diameter. All castings are malleable iron. Guy Rod 7-16 in. diameter. Galvanized Cable 5-16 in. Furnished complete in any lengths for single or double track.

Code Word.	List No.		List Price, Each.
Zoxut	45240	Nine feet by 1⅞ in. outside diameter steel tube.....	$6.50

FLEXIBLE BRACKET ARM WITH UNDER BRACE.

TYPE F.



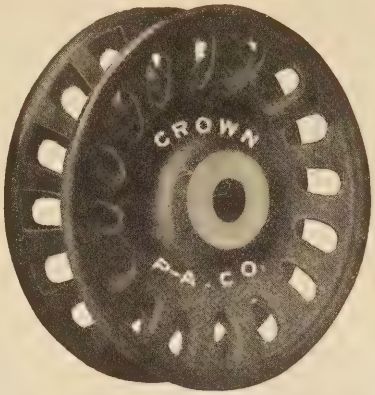
No. 45241.

Our type F Bracket Arm is made up with the same malleable iron castings and High Carbon Steel Tube 1⅞ in. diameter as used with our Type S. No Stay Rod is used with this bracket.

Code Word.	List No.		List Price, Each.
Zoxuv	45241	Nine feet by 1⅞ in. outside diameter steel tube.....	$5.50

RAILWAY SUPPLIES.
CROWN TROLLEY WHEELS.

No. 49034.



No. 49035.

CROWN STANDARD "U" GROOVE.

Code Word.	List No.		List Price, Each.
Zabawad	49034	Diameter 4 in., with bushing ½ x ⅞ x 1½ inches.....	$1.50

CROWN SLEET TROLLEY WHEEL.

Zabawaf	49035	Diameter 4 in., with bushing ½ x ⅞ x 1½ inches.....	1.50

No. 49036.

No. 49040.

GRAPHITE TROLLEY WHEEL BUSHING.

Zabawag	49036	Standard size, ½ x ⅞ x 1½	.20
Zabawah	49037	⅝ x 1 x 1½	.22
Zabawak	49038	⅝ x 2 x 2	.24

TROLLEY WHEEL SPINDLES.

No. 49039.

			Per 100
Zabawal	49039	.....	14.00

No. 49041.

COPPER TROLLEY WASHERS.

Zabawam	49040	.....	1.30

TROLLEY HARP CONTACT SPRINGS.

Copper.

Zabawan	49041	.....	10.00

EXTENSION TROLLEY SPRINGS.

For General Electric Bases.

		Mfr. No.	
Zabawap	49042	1252	For No. 4 and No. 5 trolley bases. Outside diameter, 1½ in. Length over all, 12 inches. Hooks formed parallel.

COMPRESSION TROLLEY SPRINGS.

Zabawar	49043	1612.	For No. 1 trolley base. Outside diameter, 3⅛ in. Length over all, 9⅝ in. Diameter of wire, $\frac{9}{16}$ in. Squared and ground ends.
Zabawas	49044	15378.	For No. 6 trolley base. Same as above, except diameter of wire is ⅝ in.

Prices Quoted on Application.

We are also prepared to furnish a number of other patterns.

RAILWAY SUPPLIES.

No. 44683.

KALAMAZOO TROLLEY WHEELS.

No. 1.
"V" GROOVE.

Diameter	6 in.
Width	1⅜ in.
Depth of Groove	¾ in.
Length of Hub	1½ in.

Graphite Bushing for ⅝ in. Pin.

Code Word.	List No.	List Price. Each.
Zopis	44683	$3.00

No. 44684.

No. 2.
"U" GROOVE.

Diameter	6 in.
Width	1⅜ in.
Depth of Groove	¾ in.
Length of Hub	1½ in.

Graphite Bushing for ⅝ in. Pin.

Zopit	44684	3.00

No. 44685.

No. 7.
STANDARD "U" GROOVE.

Diameter	4 in.
Width	1⅜ in.
Depth of Groove	¾ in.
Length of Hub	1½ in.

Graphite Bushing for ½ in. Pin.

Zopiv	44685	1.50

No. 44686.

No. 8.
STANDARD "V" GROOVE.

Diameter	4 in.
Width	1⅜ in
Depth of Groove	¾ in.
Length of Hub	1½ in.

Graphite Bushing for ½ in. Pin.

Zopiw	44686	1.50

No. 44687.

No. 9.
EXTRA DEEP GROOVE.

Diameter	4 in.
Width	1⅜ in.
Depth of Groove	⅞ in.
Length of Hub	1½ in.

Graphite Bushing for ½ in. Pin.

Zopix	44687	1.50

RAILWAY SUPPLIES.

KALAMAZOO TROLLEY HARPS.

For Use with Kalamazoo Trolley Wheels, Listed Elsewhere. Springs Are Entirely Outside of Harp.

All the Wear Comes on the Washer.

No. 44950.

MALLEABLE IRON.

Code Word.	List No.	Mfr. No.		List Price, Each.
Zowes	44950	1	For 6 in. wheels with 1½ in. hub, ⅝ in. pin, 1 in. hole in shank	$2.20
Zowet	44951	2	For 6 in. wheels, with 1½ in. hub, ⅝ in. pin, ¾ in. rod in shank	2.20
Zowev	44952	4	For 6 in. wheels, with 2 in. hub, ⅝ in. or ⅞ in. pin, 1 in. hole in shank	2.50
Zowew	44953	5	Trolley harp	1.80
Zowex	44954	8	For 4 in. wheels, with 1½ in. hub, ½ in. pin, ¾ in. rod in shank	1.80

No. 44954.

TROLLEY HARP PARTS.

Zowez	44955	Washers,	.08
Zowi	44956	Springs, per pair	.12
Zowib	44957	Bushings, ½ inch	.24
Zowid	44958	Bushings, ⅝ inch	.60
Zowif	44959	Bushings, ⅛x2 inches	.36
Zowig	44960	Bushings, ¾x2 inches	.46
Zowih	44961	Pins, ½ inch	.14
Zowik	44962	Pins, ⅝x1½ inches	.14
Zowil	44963	Pins, ⅝x2 inches	.16
Zowim	44964	Pins, ¾x2 inches	.16

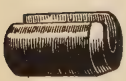
No. 44965.

G. E. TROLLEY HARP.

Zowin	44965	Standard malleable harp	1.10
Zowip	44966	Standard brass harp	3.00

CHANNEL PINS.

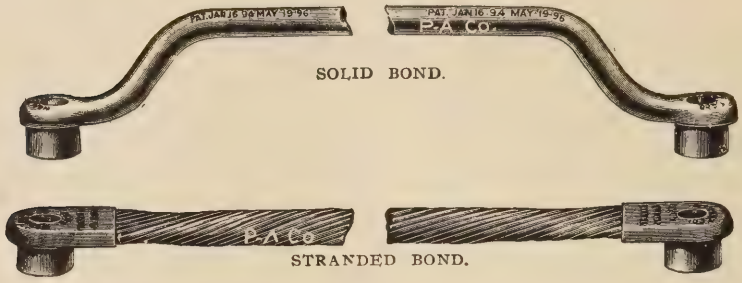
			Per 1000
Zowir	44967	Deep groove channel pin, ⅜ in. diam. for No. 4 wire	15.00
Zowis	44968	Deep groove channel pin, 19/32 in. diam., for No. 0 wire	25.00
Zowit	44969	Deep groove channel pin, ¾ in. diam., for No. 00 wire	50.00
Zowiv	44970	Deep groove channel pin, ¾ in. diam., for No. 0000 wire	50.00



No. 44967.

RAILWAY SUPPLIES.

RAIL BONDS.



We are prepared to furnish all styles of solid and stranded terminal stud bonds, also soldered type of bonds.

RAIL BOND PRICE SCHEDULE.

See Following Page for List Prices.

TO DETERMINE LENGTH OF TERMINAL STUD BONDS.

Bonds to be placed under joint plates are measured between centres of terminals, after bonds are factory formed for use. Other types are measured between centres of terminals when body of bond is straight.

SOLDERED BONDS.

TO DETERMINE GROSS LENGTH OF BOND.

Gross length to be length over all Bonds having flexible part divided into two or more portions are measured after factory formed for use. Other types are measured when body is straight.

TO DETERMINE NET LENGTH OF BOND.

From gross length deduct such length of the contact area from each terminal as is equal in area to multiples of cross sectional area of body as follows:

Bonds up to 250,000 C. M., 10 times.
Bonds over 250,000 C. M. to 375,000 C. M., 8 times.
Bonds over 375,000 C. M., 7 times.

Net length so obtained determines list price which shall be the one covering the smallest diameter terminals listed.

TO APPLY TO ALL TYPES OF BONDS.

In figuring lengths to determine proper list price, the only division between full inches is to be one half inch, intermediate fractions taking price of next higher half or full inch bond. Bonds shorter than those scheduled take the lowest scheduled price.

Special bonds not properly covered by schedule will take special prices to be agreed upon.

TERMS OF SALE AND DELIVERY.

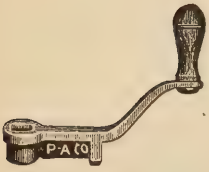
NET CASH Thirty Days. NO Cash Discount.

Delivery F. O. B. Factory.

Actual freight may be allowed on 300 lbs. and over east of the Mississippi River.

RAILWAY SUPPLIES.

CONTROLLER HANDLES.



No. 49081.

For Type K Controllers.

OPERATING HANDLES.

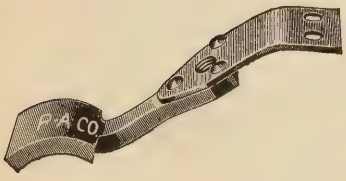
Code Word.	List No.		List Price, Each.
Zabawat	49081	G. E. No. 16921. For Types K, K 2, K 10, K 11 and K 12 Controllers.....	$2.80

REVERSING HANDLES.

Zabaway	49082	G. E. No. 16922. For Types K and K 2 Controllers	1.60
Zabawaw	49083	G. E. No. 17778. For Types K 10, K 11 and K 12 Controllers.....	1.60

CONTROLLER CONTACT PARTS.

For Type K Controllers.



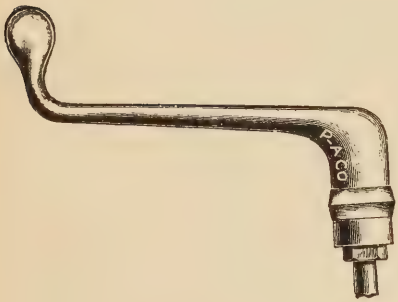
No. 49085.

OPERATING FINGERS.

		No.	Type of Controller.	No. to a set.	
Zabawax	49084	14682	K	11	.21
Zabawaz	49085	14682	K 2	12	.21
Zabawe	49086	19680	K 10	11	.21
Zabaweb	49087	17665	K 11	11	.30
Zabawed	49088	17665	K 12	11	.30

REVERSING FINGERS.

Zabawef	49089	14688	K	8	.13
Zabaweg	49090	14688	K 2	8	.13
Zabaweh	49091	14688	K 10	8	.13
Zabawek	49092	17667	K 11	8	.17
Zabawel	49093	17667	K 12	16	.17



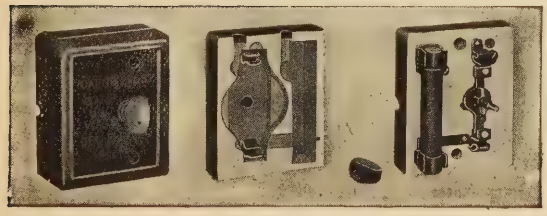
No. 49094.

RATCHET BRAKE HANDLE.

Zabawem	49094	Left handle, 12 in., for small cars.....	15.00
Zabawen	49095	Regular handle, 12 in...	16.00
Zabawep	49096	Heavy handle, 14 in., for large cars.....	18.00
Zabawer	49097	.....	1.00

COMBINATION SWITCH AND CUT-OUT.

G. E. Type, with Magnetic Blow-out.


No. 49098.

Zabawes 49098 ..... 1.75

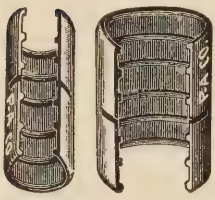
RAILWAY SUPPLIES.

No. 47502.

Cuts Full Size.

REGISTER CORD COUPLING.

Code Word.	List No.		List Price, Per Pair.
Zabahuw	47502	Coupling for ¼ inch Cord.....	$ .17
Zabahux	47503	" " 5/16 " "	.20
Zabahuz	47504	" " ⅜ " "	.24



Single. Double.
Cuts Full Size.

TRITON CORD COUPLER.

			Per 100
Zabaka	47505	Single Coupler for ¼ inch Leather	11.14
Zabakab	47506	" " " 5/16 " "	11.14
Zabakad	47507	" " " ¼ " Cotton	11.14
Zabakaf	47508	" " " 5/16 " "	11.14
Zabakag	47509	Double " " ¼ " Leather	17.40
Zabakah	47510	" " " 5/16 " "	17.40
Zabakak	47511	" " " ¼ " Cotton	17.40
Zabakal	47512	" " " 5/16 " "	17.40
			Each.
Zabakam	47513	Special Pliers.....	3.14

No. 47514.

TRAILER CONNECTOR.

This device is used to couple together the lighting circuit of motor and trailer cars. Being single pole and double break, it renders it impossible to come in contact with the current when the Connector is uncoupled. A number of improvements have been made in the internal construction of the Connector to insure a perfect form of contact between the connecting parts. It is so constructed that by making a slight change in the connections it can also be used as a double pole connector for headlights.

Zabakan	47514	.....	1.00

No. 47515.

CAR WASHER.

With Rubber Protecting Ring.

This Washer is made throughout of the best materials and in every respect is equal to the best on the market. The outer edge of the block is provided with a heavy rubber protecting ring to prevent injury to finished woodwork in using the Washer. Pure, stiff Russia bristles are used, drawn in with brass wire.

			Per doz.
Zabakap	47515	Medium size.....	30.50
Zabakar	47516	Large size.....	47.35

RAILWAY SUPPLIES.

SWITCH BROOMS.

RATTAN AND STEEL WIRE.

No. 48997.

Code Word.	List No.		List Price, Each.
Zabavax	48994	Rattan. Width of sweep, 11 in...	$13.00
Zabavaz	48995	Rattan, with chisel handle. Width of sweep, 11 in.....	15.00
Zabave	48996	Steel wire, with chisel handle. Width of sweep, 11 in.....	11.00

ADJUSTABLE BAND BROOM.

RATTAN. WIDTH OF SWEEP, 11 IN.

Zabaveb	48997	With chisel handle.....	15.00
Zabaved	48998	Without chisel handle.....	13.00

SWEEPER RATTAN.

Zabavef	48999	Natural length, per lb.....	.28
Zabaveg	49000	Cut to length, per lb.....	.30

SWITCH STICK.

No. 49001.

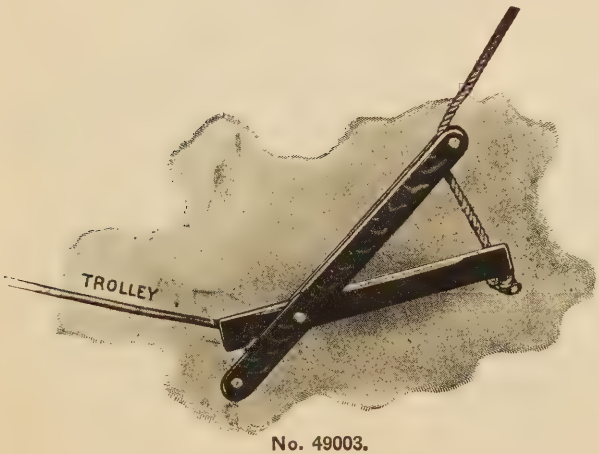
Zabaveh	49001	....	2.00

SIGN STICK.

No. 49002.

Zabavek	49002	.....	1.50

THE G. D. TROLLEY PICK-UP.



No. 49003.

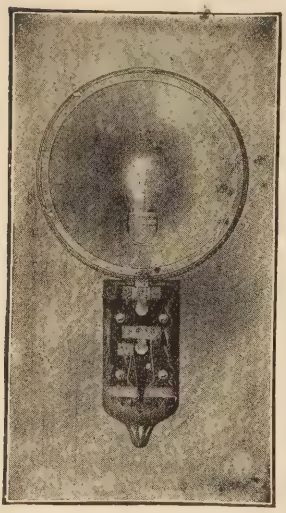
Consists of a pair of tongs made of selected oak; a rope fastens to one handle of the tongs and passes through the other, so that the harder you pull on the rope the harder the tongs grip the wire.

The rope winds conveniently around the tongs, making a bundle eighteen inches long and four inches in diameter. This goes under the seat out of the way.

It is thoroughly practical.

Zabavel	49003.....		1.00

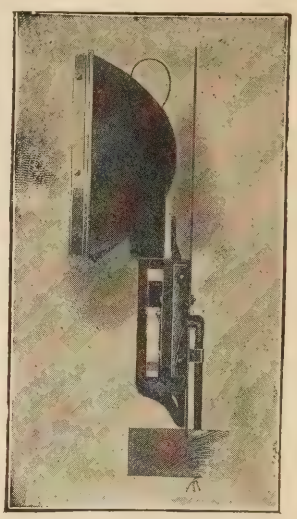
HEADLIGHTS.



Front View.

SYRACUSE CHANGE ABLE HEADLIGHT.

This light consists of front and rear receptacles and a 12-inch aluminum parabolic reflector which projects 7 inches from the dashboard, and is protected by a steel jacket which in no way interferes with the fender, yet resists all knocks, and is of such stability that the jar of the car in no way affects the steadiness of the light. When the reflector is placed in position within the receptacle the lamp lights automatically. This device is weather and water proof, and can be used on either summer or winter cars with equal efficiency. They save the expense of idle rear lights on cars and also of lights on idle cars.



Side View.

Code Word.	List No.		List Price, Each.
Zemom	22719	Complete outfit	$16.00
Zemon	22720	Extra reflector	11.00
Zemop	22721	Extra receptacle	1.50

IMPERIAL HEADLIGHT—Standard Type "B."

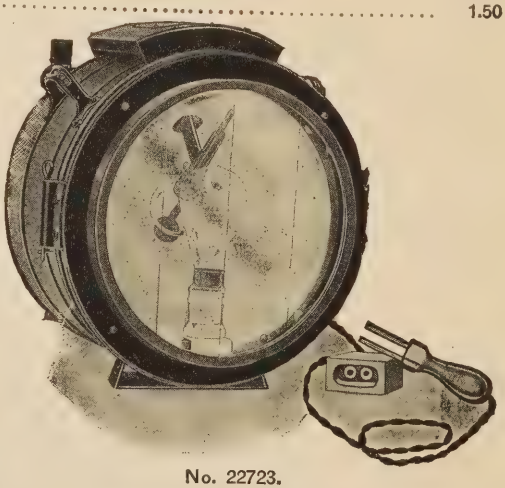
Arc Only.

A new style headlight, of great efficiency, particularly adapted to suburban lines.

Zemor 22722 ..... 50.00

Prices on dimmers for the headlight on application.

No. 22722.



No. 22723.

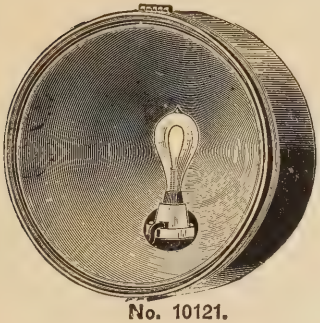
IMPERIAL HEADLIGHT—Standard Type "A."

Combination Arc and Incandescent. No Dimmer Required.

Similar to Type B, except that it is an arc and incandescent headlight combined. The incandescent enables the motorman, by the manipulation of a three-point switch, to use either the arc or incandescent light.

Zemos 22723 .....60.00

HEADLIGHTS—(Continued).



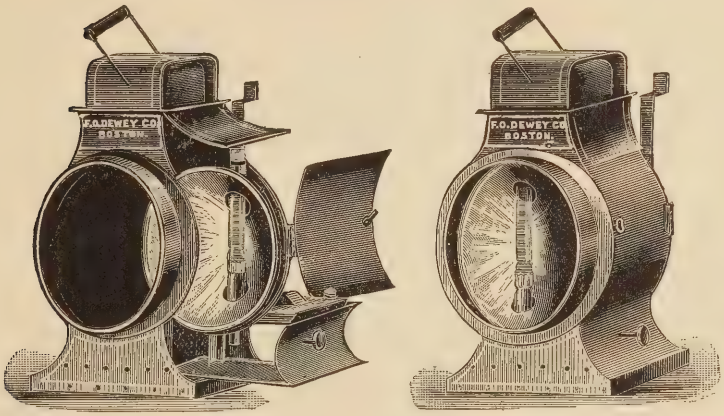
No. 10121.

ELECTRIC HEADLIGHT.

10½ inch Parabolic Reflector, brass door and ninge, solid iron case. Projects but 4½ inches.

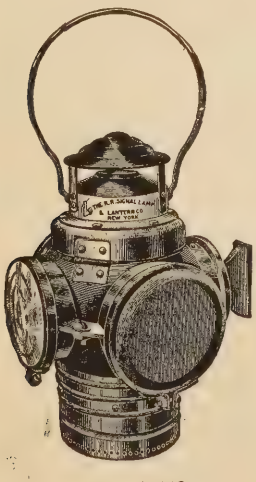
Code Word.	List No.		List Price, Each.
Zevex	10121	.....	7.00

MOTOR HEADLIGHTS.



Furnished with a locomotive headlight burner which will throw a strong light from three to four hundred feet. 12 inch round.

Zevet	10122	.....	$19.00



No. 10118.

ARMSPEAR TROLLEY CAR TAIL LAMP.

Zeves	10118	.....	7.50

ARMSPEAR DOUBLE GUARD STEEL LANTERN.

Zevev	10119	White globe.....	1.50
Zevew	10120	Ruby globe.....	2.50

RAILWAY SUPPLIES.

ROLLED STEEL GONGS.

The shells of these Gongs are guaranteed not to crack or break, and any proving defective will be replaced.

No. 46617.

FOOT GONG.

Code Word.	List No.		List Price, Each.
Zabatom	46616	Complete, 8 inch....	$2.60
Zabaton	46617	Complete, 10 inch....	2.94
Zabatop	46618	Complete, 12 inch....	3.14

FOOT GONG FIXTURES.

Zabator	46619	Two-Ball Striker for 8 inch Gong	.42
Zabatos	46620	" " 10 " "	.42
Zabatot	46621	" " 12 " "	.42
Zabatov	46622	Frame for 8 inch Gong	.94
Zabatow	46623	" " 10 " "	1.15
Zabatox	43848	" " 12 " "	1.35
Zabatoz	43849	Plunger Pin	.22

No. 46635.

ROOF GONG.

Zabatu	46634	Complete, 8 inch	2.92
Zabatub	46635	Complete, 10 inch	3.26
Zabatud	46636	Complete, 12 inch	3.44

ROOF GONG FIXTURES.

Zabatuf	46624	Striker and Lever for 8 inch Gong	.83
Zabatug	46625	" " " " 10 " "	.83
Zabatuh	46626	" " " " 12 " "	.83
Zabatul	46627	Frame for 8 inch Gong	1.07
Zabatum	46628	" " 10 " "	1.07
Zabatuk	46629	" " 12 " "	1.07

No. 46630.

CONDUCTORS' SIGNAL BELLS.

All bronze metal, with bell metal Gongs. Gong 5⅜ in. diameter. Length of frame, 11 inches.

Zabatun	46630	2.50

FOOT OR ROOF GONG SHELLS.

Zabatup	46631	Steel Shell, 8 inch	1.56
Zabatur	46632	" " 10 "	2.00
Zabatus	46633	" " 12 "	2.29

RAILWAY SUPPLIES.

FIELD COILS.

These Coils are made for a variety of Motors, including:

GENERAL ELECTRIC,
WESTINGHOUSE,
WALKER,
STEEL MOTOR,
ETC., ETC.

PRICES QUOTED UPON APPLICATION.

ARMATURE COILS.

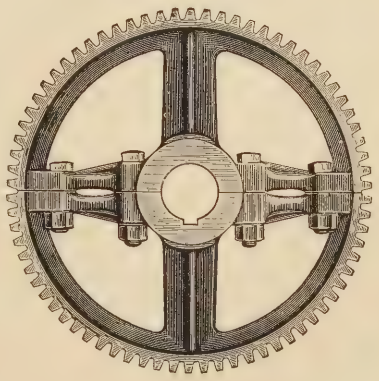
Made for Westinghouse, General Electric, Walker, steel and other motors.

PRICES QUOTED UPON APPLICATION.

RAILWAY MOTOR GEARS.

General Electric or Westinghouse System.

Made for various styles of G. E. Motors in a variety of sizes of pitch and face. Also from 51 to 73 teeth.



RAILWAY MOTOR PINIONS.

For General Electric or Westinghouse Systems.

Made in the same variety as gears.

PRICES QUOTED UPON APPLICATION.

PRICES QUOTED UPON APPLICATION ON MOTOR BEARINGS, COMMUTATORS, GEAR CASES, ETC., ETC.

SPRING COTTER.

LIST PRICE PER 1000.

Wire Gauge.	13	12	11	10	9	8	7	6	5	4	1
Diameter...	3/32	7/64	1/8	9/64	5/32	11/64	3/16	13/64	7/32	1/4	5/16
Length.. ½	$3.50	$4.00	$5.00	$6.00	$7.00	$8.00	....	....	....	....	....
Length.. ¾	4.15	4.75	5.85	7.00	8.15	9.30	$11.00	$12.00	....	....	....
Length..1	4.80	5.50	6.70	8.00	9.30	10.60	12.80	14.00	$18.00	$20.00	$32.50
Length..1¼	5.45	6.25	7.55	9.00	10.45	11.90	14.50	16.00	20.80	23.50	37.50
Length..1½	6.10	7.00	8.40	10.00	11.60	13.20	16.20	18.00	33.60	27.00	42.50
Length..1¾	6.75	7.75	9.25	11.00	12.75	14.50	17.90	20.00	26.40	30.50	47.50
Length..2	7.40	8.50	10.10	12.00	13.90	15.80	19.60	22.00	29.20	34.00	52.50
Length..2¼	...	...	10.95	13.00	15.05	17.10	21.30	24.00	32.00	37.50	57.50
Length..2½	...	...	11.80	14.00	16.20	18.40	23.00	26.00	34.80	41.00	62.50
Length..2¾	...	...	...	...	...	....	24.70	28.00	37.60	44.50	67.50
Length..3	...	...	...	...	...	....	26.40	30.00	40.40	48.00	72.50
Length..3¼	...	...	...	...	...	....	....	....	....	51.50	77.50
Length..3½	...	...	...	...	...	....	....	....	....	55.00	82.50
Length..3¾	...	...	...	...	...	....	....	....	....	58.50	87.50
Length..4	...	...	...	...	...	....	....	....	....	62.00	92.50

Diameter	3/8	7/16	1/2	5/8
Length 1½	$72.00	.....	.....	.....
Length 1¾	79.20	$108.00	.....	.....
Length 2	86.40	119.50	$148.50	.....
Length 2¼	93.60	131.00	163.50	.....
Length 2½	100.80	142.50	178.50	.....
Length 2¾	108.00	154.00	193.50	.....
Length 3	115.20	165.50	208.50	$384.00
Length 3¼	122.40	177.00	223.50	404.00
Length 3½	129.60	188.50	238.50	424.00
Length 3¾	136.80	200.00	253.50	444.00
Length 4	144.00	211.50	268.50	464.00
Length 5	.....	257.50	328.50	544.00
Length 6	.....	.....	388.50	644.00

FLAT SPRING KEY LIST.

Width	3/8	1/2	5/8	3/4
Length 1¼	$39.00	$52.00	.....	.....
Length 1½	44.50	58.00	.....	.....
Length 1¾	50.00	64.00	$78.00	.....
Length 2	55.50	70.00	84.50	$104.00
Length 2¼	61.00	76.00	91.00	111.00
Length 2½	66.50	82.00	97.50	118.00
Length 2¾	72.00	88.00	104.00	125.00
Length 3	77.50	94.00	110.50	132.00
Length 3¼	....	.....	117.00	139.00
Length 3½	....	.....	123.50	146.00

ROSS ANNUNCIATORS.

The Ross Annunciator has been on the market for nearly fifteen years. During this time hundreds of thousands of drops have been sold to the satisfaction of all users.

The cases are made in oak unless otherwise specified. For other woods or special finishes an extra charge is made.

Lettering over drops as per specification. The instruments are made in larger and intervening sizes than those specified.

No. 50576.

RIVAL STYLE.

Mechanical and Automatic Set Back.

This is the least expensive type of Ross Annunciator and is made of oak.

Code Word.	List No.	Drops.	Wide.		High.	List Price Each—Mechanical.	Automatic.
Zabeven	50575	3	6¾	x	11¾ in.	$5.00	$6.50
Zabevep	50576	4	6¾	x	11¾ in.	5.50	7.00
Zabever	50577	6	6¾	x	14 in.	7.00	8.50
Zabeves	50578	8	6¾	x	16¼ in.	8.50	10.00
Zabevet	50579	10	6¾	x	18¾ in.	10.00	11.50
Zabevev	50580	12	8½	x	16¼ in.	12.00	13.50
Zabevew	50581	16	10¼	x	16¼ in.	16.00	17.50
Zabevex	50582	20	10¼	x	18¾ in.	20.00	21.50

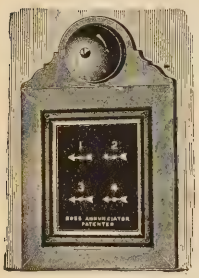
No. 50569.

AVONIAL STYLE.

Mechanical and Electrical Set Back.

This instrument is made with a better grade case, and with hinged bell frame. It is a very desirable instrument. Larger sizes in the same type of case are given on other pages.

Zabeveb	50567	3	8¾	x	13 in.	6.00	7.50
Zabeved	50568	4	8¾	x	13 in.	6.50	8.00
Zabevef	50569	6	8¾	x	15½ in.	9.00	10.50
Zabeveg	50570	8	8¾	x	17½ in.	11.00	12.50
Zabeveh	50571	10	8¾	x	19¾ in.	13.00	14.50
Zabevek	50572	12	10¾	x	17½ in.	15.00	16.50
Zabevel	50573	16	12	x	17½ in.	19.00	20.50
Zabevem	50574	20	12	x	19¾ in.	23.00	24.50

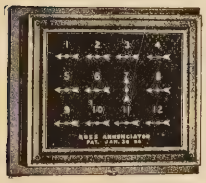


No. 50541.

FLUSH STYLE.

This type of instrument is preferred by many for house work, as the mechanism is installed between studding.

		Drops.	Wide.		High.	List Price Each.
Zabetur	50541	4	8¾	x	13 in.	20.00
Zabetus	50542	6	8¾	x	15½ in.	24.00
Zabetut	50543	8	8¾	x	17½ in.	28.00
Zabetuv	50544	10	8¾	x	19¾ in.	32.00
Zabetuw	50545	12	10¾	x	17½ in.	36.00
Zabetux	50546	16	12	x	17½ in.	40.00
Zabetuz	50547	20	12	x	19¾ in.	44.00

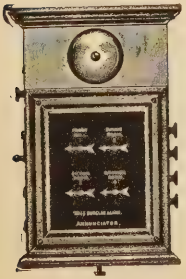


No. 11967.

MARINE, STYLE "A."

A rubber gasket is used to prevent the entrance of dampness to the working mechanism. Prices do not include bells as they are usually installed separately. If desired in the case, order must so mention. For mahogany wood extra charge is made.

Zabugil	11964	4	8¾	x	9 in.	12.00
Zabugim	11965	6	10½	x	9 in.	14.00
Zabugin	11966	8	12¼	x	9 in.	16.00
Zabugip	11967	12	12¼	x	11¼ in.	20.00
Zabugir	11968	16	12¼	x	13½ in.	24.00
Zabugis	11969	20	14	x	13½ in.	28.00



No. 12227.

BURGLAR ALARM STYLE.

We make Burglar Alarm "Ross" Annunciators as shown in cut, or with clock attachments as specified. There are many features of advantage in the "Ross" over other makes.

Zabular	12227	4	3	x	7¼	x 9½ in.	10.00
Zabulas	12228	6	3	x	7¼	x 11¾ in.	13.00
Zabulat	12229	8	3	x	7¼	x 14 in.	16.00
Zabulav	12230	12	3	x	9	x 14 in.	19.00
Zabulaw	12231	16	3	x	10¾	x 14 in.	22.00
Zabulax	12232	20	3	x	10¾	x 16⅛ in.	25.00

SPECIAL CLOCK ATTACHMENTS.

STYLE A switches Annunciator out of circuit at any desired hour by means of attachment affixed to an eight-day clock movement.

Zabeva 50548 ..... 20.00

STYLE B consists of the above and a means of ringing bell in servants' room when a window or door is opened during the night.

Zabevab 50549 ..... 22.00

ROSS ANNUNCIATORS.

ELEVATOR ANNUNCIATOR.

No. 43038.

This is the regular instrument, with drops arranged in a single perpendicualr row for elevator use. The needles give a full quarter turn, and will not shake down. Furnished with electrical set-back. If desired we can supply solid wood backs, to which the front is attached by lugs, at 50 cents net.

Codo Word.	List No.	Drops.	Wide.		High.	List Price Each Mechanical Set-Back.	List Price Each Electrical Set-Back.
Zabeyoz	43035	3	6½	x	13	$6.00	$8.00
Zabeyu	43036	4	6½	x	15½	6.50	8.50
Zabeyub	43037	5	6½	x	17½	7.80	9.80
Zabeyud	43038	6	6½	x	19¾	9.00	11.00
Zabeyuf	43039	7	8¾	x	17½	10.00	12.00
Zabeyug	43040	8	8¾	x	17½	11.00	13.00
Zabeyuh	43041	9	8¾	x	19¾	12.00	14.00
Zabeyuk	43042	10	8¾	x	19¾	13.00	15.00

Depth for all sizes, 4⅛ inches. Larger sizes to order. Made up to six drop in a single row. Larger sizes in two rows. Made in oak. Special woods to order. No extra charge for special lettering and your name on face-plate.

ELEVATOR ANNUNCIATOR.

Style "A" Double Indicator.

No. 50531.

This instrument practically consists of two Annunciators installed in one case; one row used for "up" calls, and the other for "down."

This style is furnished with a back, enabling it to be quickly bolted to the side of the car, and the case is hung on hinges.

		Drops.	Floors.	Wide.		High.		
Zabetow	50527	8	4	7⅜	x	16	15.00	17.00
Zabetox	50528	10	5	7⅜	x	17⅝	17.00	19.00
Zabetoz	50529	12	6	7⅜	x	19⅜	19.00	21.00
Zabetu	50530	14	7	7⅜	x	21¼	21.00	23.00
Zabetub	50531	16	8	7⅜	x	23⅛	23.00	25.00
Zabetud	50532	18	9	7⅜	x	25	25.00	27.00
Zabetuf	50533	20	10	7⅜	x	26⅝	27.00	29.00

Depth for all sizes, 5 inches. Larger sizes to order. Made in oak. Special woods to order. No extra charge for special lettering and your name on face-plate.

METAL ANNUNCIATORS.

No. 40409.

Metal case, any finish, single or double row, mechanical or automatic setting.

Single Row.

		Drops.	Mech. Set-Back.	Elec. Set-Back.
Zafuruh	40404	3	11.00	13.00
Zafuruk	40405	4	11.50	13.50
Zafurul	40406	5	12.80	14.80
Zafurum	40407	6	14.00	16.00
Zafurun	40408	7	15.00	17.00
Zafurup	40409	8	16.00	18.00
Zafurur	40410	9	17.00	19.00
Zafurus	40411	10	18.00	20.00

Double Row.

		Drops.	Mech. Set-Back.	Elec. Set-Back.
Zafurut	40412	8	20.00	22.00
Zafuruv	40413	10	22.00	24.00
Zafuruw	40414	12	24.00	26.00
Zafurux	40415	14	26.00	28.00
Zafuruy	40416	16	28.00	30.00
Zafuruz	40417	18	30.00	32.00
Zafusa	40418	20	32.00	34.00

Same dimensions as given for wood cases listed above.

THE "DANDY" SELF-SETTING TWO POINT INDICATING BELL.

Its usefulness will be at once appreciated. It serves the purpose of two bells, for front and back doors, and is also advantageous for many special requirements. Strong and well finished case of light oak, with glass front and gilded numbers. The needle does not require resetting.

Zabevol 50609 ..... 2.50

Special Lettering 10 Cents Extra.

THE "THREE-POINT" SELF-SETTING BUZZER ANNUNCIATOR.

No. 50609.

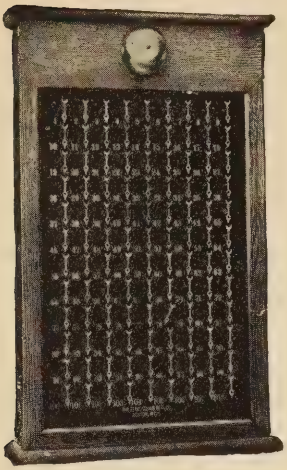
A small metal buzzer fastened to the gong post of our Two-Point "Dandy" Indicating Bell, changes it to a three-point annunciator especially applicable to the three calls of front door, side door and dining room. The latter call is made from the buzzer. An improvement over a bell, for while the annunciator bell draws every one's attention, the buzzer can be heard by the servant only. The buzzer is accessible for adjustment by simply removing the gong.

Zabevom 50610 ..... 3.50

Special Lettering 10 Cents Extra.

No. 50610.

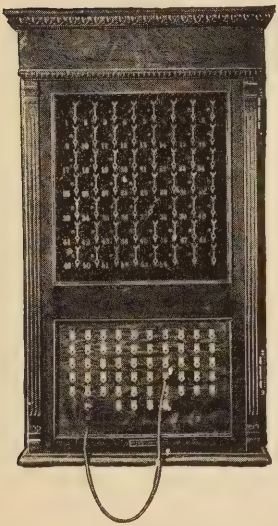
"HUB" NEEDLE ANNUNCIATORS.



No. 43188.

TYPE "C."

Code Word.	List No.	Drops.	Size—Wide.	Size—High.	List Price Each—Plain.	List Price Each—Return Call or Telephone.
Zipis	43179	25	13⅝	18⅞	$25.00	$48.00
Zipit	43180	30	15⅜	18⅞	30.00	55.00
Zipiv	43181	36	15⅜	21	36.00	63.00
Zipiw	43182	42	17⅛	21	42.00	68.00
Zipiy	43183	49	17⅛	23⅛	49.00	76.00
Zipiz	43184	56	18¾	25¼	56.00	86.00
Zipo	43185	64	19⅞	26¾	64.00	96.00
Zipob	43186	72	21⅝	26¾	72.00	108.00
Zipod	43187	81	21⅝	28⅞	81.00	120.00
Zipof	43188	108	22⅝	36¾	108.00	162.00
Zipog	43189	Operator's set on case, extra				10.00
Zipoh	43190	Intercommunicating cord pairs, each				8.00



No. 43201.

TYPE "B."

Zipom	43193	25	16⅞	22⅝	36.00	55.00
Zipon	43194	30	18⅝	22⅝	42.00	60.00
Zipop	43195	36	18⅝	24¾	46.00	68.00
Zipor	43196	42	20⅜	24¾	50.00	72.00
Zipos	43197	49	20⅜	26⅞	59.00	83.00
Zipot	43198	56	22⅛	26⅞	67.00	95.00
Zipov	43199	64	22⅛	29	77.00	109.00
Zipow	43200	72	23⅞	29	86.00	122.00
Zipox	43201	81	23⅞	31⅛	97.00	138.00
Zipoy	43202	108	23⅞	37½	130.00	184.00
Zipoz	43203	Operator's set on case, extra				10.00
Zipu	43204	Intercommunicating cord pairs, each				8.00

Height of Type "B" return calls holds only for regular return call annunciators. If operator's set or cord pairs are required, length increases.

No. 43191.

FOR TELEPHONE TYPES.

Zipok	43191	Wood cabinet	7.00
Zipol	43192	Metal flush	10.00

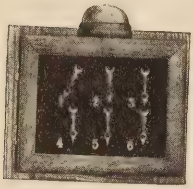
No. 43114.

"HUB" NEEDLE ANNUNCIATORS.

TYPE "F" FLUSH CASE AUTOMATIC.

Wall Recess 3½ Inches Deep.

Code Word.	List No.	Drops.	Recess. Wide.	List Price Each.
Zinu	43113	4	11¾ x 6¾	$8.50
Zinub	43114	6	13⅛ x 6¾	10.00
Zinud	43115	8	16 x 6¾	12.00
Zinuf	43116	10	18½ x 6¾	14.00
Zinug	43117	12	16 x 8½	17.00
Zinuh	43118	16	16 x10¼	22.00
Zinuk	43119	20	18⅛ x10¼	29.00
Zinul	43120	25	18⅛ x12⅛	33.00



No. 43121.

TYPE "M" CASE.

Zinum	43121	8	8¾ x11¼	14.00
Zinun	43122	10	8¾ x13	16.00
Zinup	43123	12	8¾ x14¼	18.00
Zinur	43124	15	11 x13	20.00
Zinus	43125	20	13 x13	28.00
Zinut	43126	24	13 x14¾	32.00
Zinuv	43127	54	18½ x21¼	80.00
Zinuw	43128	108	25 x29	150.00

Intermediate Sizes Between 25 and 100 Furnished. Prices on All Types Are for Oak Wood.

No. 43158.

TYPE "E" ELEVATOR ANNUNCIATOR.

Single Indicator.

Zinux	43129	3	6 x10	8.00
Zinuz	43130	4	6 x10	9.00
Zipeb	43150	5	6 x14	10.00
Zipel	43156	6	6 x14	11.00
Zipem	43157	7	6 x16	12.00
Zipen	43158	8	6 x16	13.00
Zipep	43159	9	6 x18	14.00

No. 43163.

TYPE "EE" ELEVATOR ANNUNCIATOR.

Double Indicator.

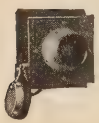
			Floors.		
Ziper	43160	10	5	7⅝ x14	16.00
Zipes	43161	12	6	7⅝ x15	18.00
Zipet	43162	14	7	7⅝ x16	20.00
Zipev	43163	16	8	7⅝ x17	24.00
Zipew	43164	18	9	7⅝ x18	27.00
Zipex	43165	20	10	7⅝ x19	29.00
Zipez	43166	22	11	7⅝ x20	31.00

No. 43170.

TYPE "T" TELEPHONE ANNUNCIATOR.

One Way Call.
Regular Annunciator Wiring.

Zipi	43167	3	7¾ x13⅞	15.00
Zipib	43168	4	7¾ x13⅞	15.50
Zipid	43169	5	7¾ x16	16.00
Zipif	43170	6	7¾ x16	17.00
Zipig	43171	8	7¾ x18⅛	18.50
Zipih	43172	10	7¾ x20¼	20.00
Zipik	43173	12	9¾ x18¼	22.00
Zipil	43174	15	11⅛ x18⅛	25.00
Zipim	43175	20	11⅛ x20¼	30.00
Zipin	43176	25	13⅝ x21	35.00



No. 43177.

TELEPHONES.

For Use With Type "T" Annunciators.

Zipip	43177	Wood cabinet	6.00
Zipir	43178	Metal flush	9.00

ROSS ANNUNCIATORS.

No. 12995.

ROSS "AVONIAL" STYLE.

This style is encased in a well-built case of quarter-sawed oak. Other finishes to order. It can be fitted with electric set-back if required.

Code Word.	List No.		List Price Each.
Zabeyob	12992	25 Drops	$26.00
Zabeyod	12993	30 Drops	31.50
Zabeyof	12994	36 Drops	38.00
Zabeyog	12995	42 Drops	44.00
Zabeyoh	12996	49 Drops	51.50
Zabeyok	12997	56 Drops	58.50
Zabeyol	12998	64 Drops	67.50
Zabeyom	12999	81 Drops	81.00
Zabeyon	13000	100 Drops	100.00

Furnished in Larger or Intervening Sizes.

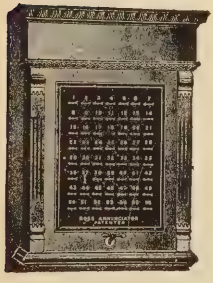
No. 13010.

ROSS "DEVONIAL" STYLE.

A more elaborate case, with back-board hung on hinges. The top is removable, allowing easy access to the binding posts and bell. Fitted with electric set-back if required.

Zabeyop	13001	20 Drops	30.00
Zabeyor	13002	25 Drops	36.00
Zabeyos	13005	30 Drops	42.00
Zabeyot	13006	36 Drops	46.00
Zabeyov	13007	42 Drops	50.00
Zabeyow	13010	49 Drops	58.00
Zabeyox	13011	56 Drops	66.00
Zacenup	18373	64 Drops	76.00
Zacenur	18374	81 Drops	94.00
Zacenus	18375	100 Drops	116.00

Furnished in Larger or Intervening Sizes.



No. 45920.

ROSS "BARONIAL" STYLE.

A more elaborate style than the preceding one, of quarter-sawed oak with a very high hand-rubbed finish. Cases are hung on heavy butts as in the preceding style. Fitted with electric set-back if required.

Zuhip	45816	20 Drops	36.00
Zuhir	45817	25 Drops	40.00
Zabonev	22508	30 Drops	48.00
Zabonew	22509	36 Drops	56.00
Zuhis	45818	42 Drops	62.00
Zuhit	45819	49 Drops	72.00
Zuhiv	45920	56 Drops	78.00
Zuhiw	45821	64 Drops	88.00
Zuhix	45822	81 Drops	110.00
Zuhiz	45823	100 Drops	136.00

Furnished in Larger and Intervening Sizes.

No. 45833.

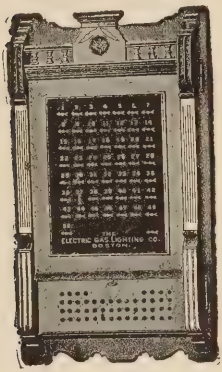
ROSS "COLONIAL" STYLE.

This is our most elaborate case, with hand engraved carving and hand-rubbed piano finish. It is furnished in quarter-sawed oak or special woods to order. Fitted with electric set-back if required.

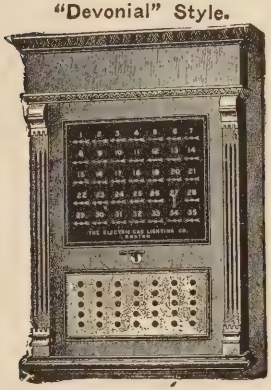
Zuho	45824	20 Drops	42.00
Zuhob	45825	25 Drops	46.00
Zubod	45826	30 Drops	54.00
Zuhof	45827	36 Drops	64.00
Zuhog	45828	42 Drops	72.00
Zuhoh	45829	49 Drops	84.00
Zuhok	45830	56 Drops	92.00
Zuhol	45831	64 Drops	100.00
Zuhom	45832	81 Drops	122.00
Zuhon	45833	100 Drops	150.00

Furnished in Larger and Intervening Sizes.

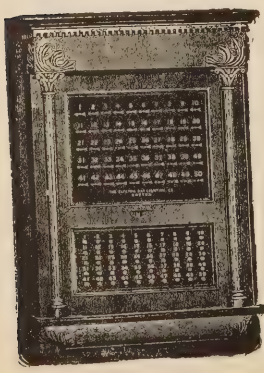
"Avonial" Style, with Telephone Plugboard.



"Devonial" Style.



"Baronial" Style.



"Colonial" Style.

ROSS ANNUNCIATORS.

RETURN CALL AND TELEPHONE STYLES.

*Cases are furnished Golden Oak unless otherwise ordered. Sizes are approximate only. We should be consulted where exact dimensions must be furnished.

These instruments are furnished with Electric Set-Back Attachment on special order.

Sizes do not apply when used as Annunciaphones.

TELEPHONE PLUGBOARD EQUIPMENT.

For instruments listed below we make no extra charge for telephone jacks over return call buttons, except on Avonial Style, as given.

	List Price Each.
Cord pair equipment	$8.00
Style "A" operators set on case	10.00

Code Word.	List No.	Drops.	Across.	Down.	Wide.	High.	Return Call Each.	With Telephone Plug Board
"Avonial" Style.								
Zabezaz	22947	6	2	3	8	x18	$15.00	$18.00
Zabeze	22948	8	2	4	8	x20	16.50	19.50
Zabezeb	22949	10	2	5	8	x22	19.00	22.50
Zabezed	22950	12	3	4	10	x20	21.00	24.50
Zabezef	22951	16	4	4	12	x20	26.00	31.50
Zabezeg	22952	20	4	5	12	x25	30.00	40.00
Zabezeh	22953	25	5	5	15½	x21¾	47.50	47.50
Zabezek	22954	30	6	5	17¼	x21¾	54.50	54.50
Zabezel	22955	36	6	6	17¼	x24	62.50	62.50
Zabezem	22956	42	7	6	19	x24	68.00	68.00
Zabezen	22957	49	7	7	19	x26¼	76.00	76.00
Zabezep	22958	56	8	7	20¾	x26¼	86.00	86.00
Zabezer	22959	64	8	8	20¾	x28½	96.00	96.00
Zabezes	22960	81	9	9	22½	x30¾	121.50	121.50
Zacufab	6044	100	10	10	24¼	x33	150.00	150.00

WIRING.

All return-call Annunciators, from six to twenty drop, one common and two direct. Larger sizes, two common and one direct. All telephone Annunciators, one common and two direct.

"Devonial" Style.								
Zacufac	6036	24	6	4	19	x37	54.00	54.00
Zacufad	6037	28	7	4	21	x37	60.00	60.00
Zacufaf	6038	40	8	5	23	x41	70.00	70.00
Zacufag	6039	54	9	6	25	x48	90.00	90.00
Zacufah	6040	70	10	7	27	x51	116.00	116.00
Zacufak	6041	88	11	8	29	x55	146.00	146.00
Zacufal	6042	96	12	8	31	x55	156.00	156.00
Zacufam	6043	104	13	8	32	x55	166.00	166.00
"Baronial" Style.								
Zuhop	45834	24	6	4	19	x26	58.00	58.00
Zuhor	45835	28	7	4	21	x26	64.00	64.00
Zuhos	45836	40	8	5	23	x32	82.00	82.00
Zuhot	45837	54	9	6	25	x38	110.00	110.00
Zuhov	45838	70	10	7	27	x43	140.00	140.00
Zuhow	45839	88	11	8	28	x47	166.00	166.00
Zuhox	45840	96	12	8	30	x47	176.00	176.00
Zuhoz	45841	104	13	8	32	x47	188.00	188.00

*See above notes before ordering.

"Colonial" Style.

This is the most elaborate and beautiful Annunciator case ever designed.

The carving is done by hand, and the finish is hand-rubbed, bringing out the grain of the wood, and then highly polished.

Zuhu	45842	24	6	4	21	x29	68.00	68.00
Zuhub	45843	28	7	4	23	x29	76.00	76.00
Zuhud	45844	40	8	5	25	x33	96.00	96.00
Zuhuf	45845	54	9	6	28	x40	124.00	124.00
Zuhug	45846	70	10	7	29	x43	152.00	152.00
Zuhuh	45847	88	11	8	31	x48	184.00	184.00
Zuhuk	45848	96	12	8	33	x48	192.00	192.00
Zuhul	45849	104	13	8	35	x48	208.00	208.00

*See above notes before ordering.

No. 3600.

BELLS.

IRON BOX BELLS.

CLASS B.

Pivoted Armature.—Double Adjustment.—Japanned Finish.
Cast Iron Base and Cover.
Works Mounted on Soft Stamped Frame.

Code Word.	List No.		List Price Each.
Zaganiv	3600	2½ inch	$0.54
Zaganiw	3601	3 inch	.56
Zaganix	3602	4 inch	.70
Zaganiy	3603	Fancy Gongs (6 styles)	.84

No. 3608.

CLASS C.

Non-Adjustable Type.—Japanned Finish.
Cast Iron Base and Cover.

Zaganiz	3604	2½ inch	.50
Zagano	3605	3 inch	.52
Zaganob	3606	4 inch	.66
Zaganoc	3607	Fancy Gongs (6 styles)	.80

WOOD BOX BELLS.

Ash, Dark, Oak, Stained Cherry, Stained Mahogany, Black Walnut.

In ordering, specify finish required. Dark oak will be shipped if not otherwise specified.

Zaganod	3608	2½ inch	.90
Zaganof	3609	3 inch	.92
Zaganog	3610	4 inch	1.06
Zaganoh	3611	Fancy Gongs (6 styles)	1.20

No. 3612.

ROSETTE WOOD BOX BELL.

Zaganok	3612	2½ inch	.96
Zaganol	3613	3 inch	.98
Zaganom	3614	Fancy Gongs (6 styles)	1.26

No. 45286.

EXEMPLAR WOOD BOX BELL.

Zoziz	45286	2¼ inch	1.16
Zozo	45287	3 inch	1.20
Zozob	45288	3½ inch	1.50
Zozod	45289	4 inch	1.90
Zozof	45290	5 inch	2.40
Zozog	45291	6 inch	3.20
Zozoh	45292	8 inch	6.60
Zozok	45293	10 inch	8.80
Zozol	45294	12 inch	11.00

EXEMPLAR FANCY GONG BELLS.

Zozom	45295	Sleigh "Crown" Bell	1.30
Zozon	45296	Cow "Crown" Bell	1.30
Zozop	45297	Tea "Crown" Bell	1.30
Zozor	45298	Dome "Crown" Bell	1.30
Zozos	45299	4-inch Cow "Crown" Bell	3.00

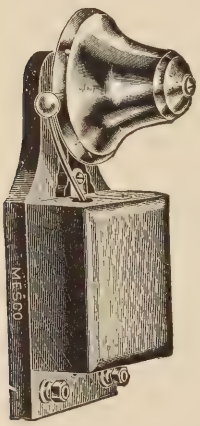
FANCY GONG BELLS.

No. 17683.

No. 17685.

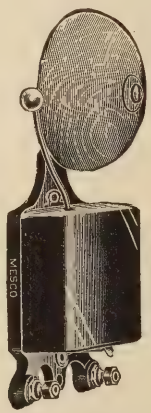
No. 17687.

Code Word.	List No.		Size.	List Price Each.
Zacefoy	17683	Cow, iron box	1½ x 2 inches	$0.80
Zacefoz	17684	Cow, wood box	1½ x 2 inches	.94
Zacefu	17685	Sleigh, iron box	1½ x 2 inches	.80
Zacefub	17686	Sleigh, wood box	1½ x 2 inches	.94
Zacefuc	17687	Tower, iron box	2 x 2 inches	.80
Zacefud	17688	Tower, wood box	2 x 2 inches	.94



No. 17690.

No. 17691.



No. 17693.

Zacefuf	17689	Tea, iron box	2⅜ inches	.80
Zacefug	17690	Tea, wood box	2⅜ inches	.94
Zacefuh	17691	Dome, iron box	2⅝ inches	.80
Zacefuk	17692	Dome, wood box	2⅝ inches	.94
Zaceful	17693	Wood, iron box	2½ inches	.80
Zacefum	17694	Wood, wood box	2½ inches	.94

BUZZERS.

No. 3615.

IRON BOX BUZZERS.

Japanned Finish.

Code Word.	List No.		List Price Each.
Zaganon	3615	Class B	$0.52
Zaganop	3616	Class C	.48

WOOD BOX BUZZERS.

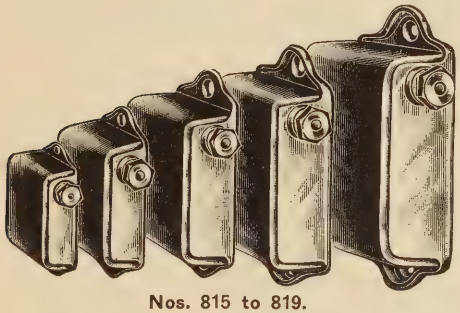
Zaganor	3617	No. 621	.88

No. 3618.

WATCH CASE BUZZER.

A perfectly adjusted Buzzer, placed in a well-nickeled brass box and fitted with binding posts on outside of case. The armature will not stick, which is a trouble frequently found in small metal buzzers.

Zaganos	3618		.64



Nos. 815 to 819.

ECO BUZZER.

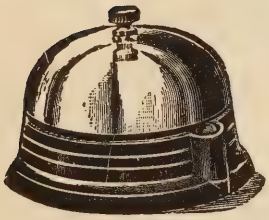
Needs No Adjusting.

Will operate equally well on one or ten cells of battery. The cover springs tightly over the base, making the buzzer dust and bug proof.

Three Ohms.

Zaganot	815	Full Nickel	.65
Zaganov	816	Base Japan, Nickel Cover	.55
Zaganow	817	Full Japan	.60
Zaganox	818	Full Japan	.65
Zaganoy	819	Full Japan	.70

Standard Package, 50



No. 16987.

MONITOR BELL.

Gives a full, clear tone. Platinized contacts. No screws or nuts being used in the adjustment, it cannot get out of order through operation. Hammer cannot be tampered with. Especially adapted to street cars, as it is dust, insect and moisture proof. For telephone and annunciator use it can be furnished with a shunt attachment which cuts the magnets out of the circuit. Gong of bell metal-nickeled, base japanned.

Zacim	16988	3-inch Gong	1.00

Either size with shunt attachment, 40 cents extra.

No. 16990.

TYROLEAN BELL.

This is the most elegant Hall Bell ever manufactured. From a handsome bracket is suspended a 4-inch tea-gong, inside of which is attached a well-made vibrating mechanism, which requires two cells No. 1 Samson Battery to operate it. It is made in all the latest styles of finishes—nickel-plated, oxidized copper, oxidized silver, bower barff, polished brass, etc. It serves as a very beautiful window display, attracting attention to your other goods.

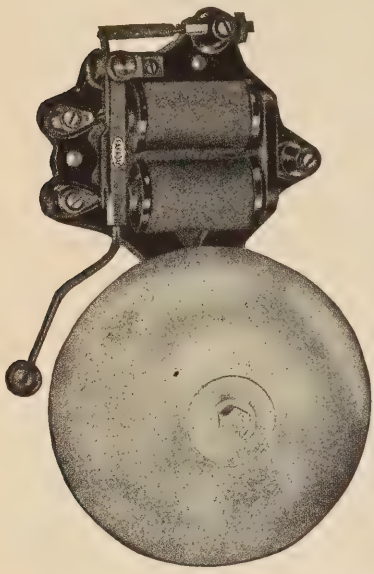
Zacip	16990	Nickel-plated	5.00

Special finishes, 50 cents extra, net.

FARADAY

PIVOTED ARMATURE SKELETON BELL

CLASS A



"THE STANDARD OF THE COUNTRY"

DECISIVE POINTS OF SUPERIORITY.

PROTECTION SHIELD: Prevents dampness getting into insulation Washers on back of Bell, or affecting Magnet Windings—no Skeleton Bell is complete without this new Patented Feature, which the "**FARADAY**" **ONLY is equipped with. ALL Insulation Washers sealed** in with **WATERPROOF WAX.**

TRUNNION FRAME: **CANNOT** work loose or move in any direction. Improved Split Section, replacing old lock-nut on Trunnion Frame, compresses against Upper Trunnion Screw and no amount of jarring can loosen the upper Bearing.

TRUNNION BEARINGS: Extra heavy **Cylindrical** type—no possibility of Armature breaking away from either upper or lower Bearing as in other makes; construction utilizes full strength of both upper and lower Trunnion Frame Casting.

CONTACT AND BINDING POSTS: **NON-TURNING** and **NON-LOOSENING** Binding Posts equipped with Split Steel Lock Washers preventing connections from ever jarring loose.

CONTACT SPRING: Can be removed in a moment and replaced with new Contact Spring, without disturbing the mechanism or taking the Bell from the wall; is **at all times insulated from frame.**

CORES: Are milled into back yoke of casting, not butted up against a japanned surface; this ensures a perfect magnetic field and increases the power of the Bell at least **twenty-five per cent.**

HAMMER ROD AND BALL: Will remain **RIGID** and **IMMOVABLE** as long as the Bell lasts.

FRAME CASTING: At no time carries any current, as the same is **completely insulated.** This is particularly advantageous where Bells are installed on a Fireproof Wall; complete insulation is absolutely something no other Skeleton Bell can claim.

GONG: **CANNOT WORK LOOSE.**

FRAME: Is reinforced to prevent breaking and also provided with broad cast lugs to prevent denting and cutting into plastered walls.

CONTACT POINTS: Are made of **PURE PLATINUM** or **PLATINOID,** as specified.

Armatures stamped N. B. FARADAY N. B. are **PLATINOID.** | Armatures stamped simply FARADAY are **PURE PLATINUM ALWAYS.**

CONTACT AND ADJUSTING SPRINGS: Are made of **GENUINE PHOSPHOR-BRONZE,** heavily Nickel-plated.

CONNECTING WIRES: Are encased in a Rubber Tube, which Rubber Tube has on the outside a braided and Waterproof re-inforced covering; Connecting Wires do not cross the back part of the Bell; they are carefully soldered to Binding Post Terminals, not simply clamped under a washer.

INTERCHANGEABILITY: **ALL** Parts are made **ABSOLUTELY TO GAUGE** and can be interchanged without being fitted or filed.

PRICE LIST

"Faraday" Pivoted Armature Skeleton Bells. Class A

Code Word	List No.	Gong Size Inches	Frame No.	Ohms	List Price Each
Zabuv	16940	2½	1	1.5	$1.68
Zabuw	16941	3	1	1.5	1.74
Zabuz	16943	4	1	1.5	1.96
Zaca	16944	5	2	2.1	2.84
Zacab	16945	6	2	2.1	3.20
Zacad	16946	7	3	3.	4.56
Zacaf	16947	8	3	3.	5.00
Zacag	16948	10	4	5.2	8.00
Zacah	16949	12	X5	5.2	10.00
Zacak	16950	13	X5	5.2	18.00
Zacofib	38545	14	X5	5.2	20.00
Zacofic	38546	15	X5	5.2	26.00
Zacofid	38547	15	6	8.	36.00
Zacofif	38548	16	6	8.	38.00
Zacofig	38549	18	6	8.	44.00

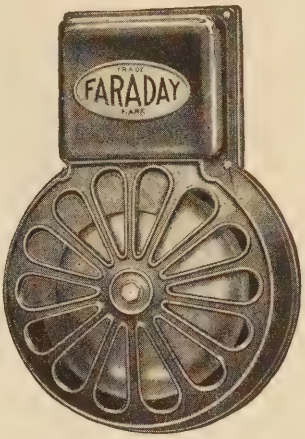
PLATINOID CONTACTS UNLESS OTHERWISE SPECIFIED.

Add for Pure **Platinum** Points, **20** cents, net, extra per Bell. Add for "**Triplex**" **Platinum** Contacts, **$1.50** net to above figures. Special Resistance Bells to order.

FARADAY
ENCLOSED TYPE SIGNAL BELLS
WEATHERPROOF
STANDARD MODELS

MODEL **A**

MODEL **B**



MODEL **C**

The above cuts show our *"Faraday" Enclosed Type Bells* with three (3) styles of Covers **A—B—C**

Model **A** was the original design in which the "FARADAY" ENCLOSED TYPE BELL was gotten out - Square Box cover—no Hood.

Model **B**, shown in cut, differs from Model A in that the cover projects over one-half of the gong and houses the armature rod and ball against any outside injury.

Model **C**, as shown in cut, is our latest Model, gotten out to meet the demand for a gong which should have the *entire* gong—armature rod and ball completely housed. Model C has many advantages where the gong has to be used in places exposed to snow and ice and also in places where the nesting of birds and the throwing of stones are likely to damage the Bell. Model **C** Bells are always furnished with Inside Binding Posts only, unless otherwise specified.

PRICE LIST
FARADAY ENCLOSED TYPE BELLS—MODELS, A—B—C
PURE PLATINUM CONTACTS

CODE WORD	LIST NO.	SIZE GONG	FRAME NO.	RESISTANCE IN OHMS	LIST PRICE EACH		
					MODEL **A** CODE WORD ZADICA	MODEL **B** CODE WORD ZADICAB	MODEL **C** CODE WORD ZADICAC
ZADEZAB	9195	2½	0	1.4	$4.—	——	——
ZADEZAC	9196	3	0	1.4	4.60	——	——
ZADEZAD	9197	3½	0	1.4	4.70	——	——
ZADEZAF	9198	4	0	1.4	4.95	——	——
ZADIBEW	9376	2½	1	1.5	4.90	——	——
ZADIBEX	9377	3	1	1.5	5.50	——	——
ZADIBEY	9378	3½	1	1.5	5.60	6.35	——
ZADIBEZ	9379	4	1	1.5	5.75	6.50	——
ZADIBI	9380	5	2	2.1	7.50	8.50	15.50
ZADIBIB	9381	6	2	2.1	8.50	10.00	16.50
ZADIBIC	9382	7	3	3	9.50	11.—	21.50
ZADIBID	9383	8	3	3	10.50	12.50	22.50
ZADIBIF	9384	9	4	5.2	13.50	15.50	31.50
ZADIBIT	9842	10	4	5.2	16.50	18.50	34.50
ZADIBIV	9843	12	X5	5.2	22.50	25.—	46.50
ZAFIBAW		14	X5	5.2	27.50	30.—	——
ZAFIBAX		15	6	8	52.50	——	——
ZAFIBAY		16	6	8	55.—	——	——
ZAFIBAZ		18	6	8	62.50	——	——

NOTE:—Add for Triplex Platinum Contacts, $1.50 net to above figures. Model C Bells always furnished **Inside Terminals only,** unless otherwise ordered. Special Resistance Bells to order.

FARADAY

ENCLOSED STREET RAILWAY TYPE SIGNAL BUZZERS

WEATHERPROOF

MODEL **95**
INSIDE TERMINALS

MODEL **96**
OUTSIDE TERMINALS

The above cuts show our **FARADAY STREET RAILWAY TYPE BUZZERS.**

Up to within a year or so, Street Railway Cars have been equipped quite generally with Monitor type Electric Bell Signals, wherever a Push Button Stop Signal was installed.

No part of the car equipment was more troublesome than the Bell Signal, because of the very unsatisfactory service obtained from the Monitor type Bell. The jarring and vibration of the car put the mechanism of the Monitor Bell out of adjustment within a few days after it had been installed because of flimsy construction.

The Faraday Street Railway Buzzer was designed particularly to obviate trouble of this sort and its success has been most marked. Starting in with an initial order from The General Electric Company, for the equipment of the Philadelphia Rapid Transit Cars, we shortly secured the business of The Westinghouse Company for their car equipment; closely following this came the equipment of The Boston Elevated Railway Company, and since that time, numberless Street Railway Systems have discarded the old Monitor type Bell, and have put in

Faraday Street Railway Buzzer Signals

We *guarantee absolutely* that the FARADAY STREET RAILWAY BUZZER *cannot change in adjustment* and shall be glad to forward sample "on memorandum," by prepaid express, inspection of which will in five minutes convince any Electrical Engineer that the mechanism is *absolute proof* against change of adjustment.

Micrometer-Lock Adjustment, Lock Washers on all connections, Split Trunnions, etc., guard effectually against the trouble which has for years bothered every Street Railway System which had Bell Signals on its cars. The advantage of the Electric signal in Street Railway Cars that can be operated by the passenger, *if the same can always be depended upon to work*, is readily admitted. Many Street Railways which have heretofore discarded their car signals have re-equipped their cars with Faraday Street Railway Buzzers, and are now having no trouble whatever with the same. Of course, satisfactory Push Buttons must be installed, if there has been any trouble with the Push Buttons, but the real trouble was usually with the Monitor type Bell, which was always out of adjustment.

PRICE LIST

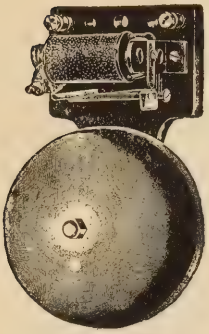
FARADAY ENCLOSED STREET RAILWAY SIGNAL BUZZER

PURE PLATINUM CONTACTS

CODE WORD	LIST NO.	BUZZER NO.	TERMINALS	FRAME NO.	RESISTANCE IN OHMS	SIZE IN INCHES	LIST PRICE EACH
ZADIBOT	7843	95	INSIDE	1	1.5	4¼x4x2 1/16	$4.00
ZADIBOV	7844	96	OUTSIDE	1	1.5	4⅞x4x2 1/16	4.00

NOTE:—No. 95 with *no Binding Posts outside of case* is the BEST Buzzer. Special Resistance Buzzers to order.

BELLS

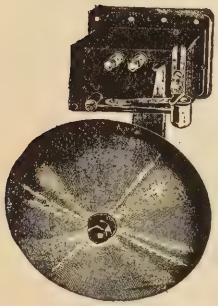


No. 47324.

VIGILANT SINGLE STROKE AND VIBRATING BELL.

6 Ohms Resistance Unless Otherwise Ordered.

		Size	Single Stroke	Vibrating	Series or Combination S. S. and Vib.
Zabafus	47319	2½	$5.80	$6.80	$7.80
Zabafut	47320	3	6.00	7.00	8.00
Zabafuv	47321	4	6.50	7.50	8.50
Zabafuw	47322	5	7.50	8.50	9.50
Zabafux	47323	6	8.50	9.50	10.50
Zabafuz	47324	7	9.50	10.50	11.50
Zabaga	47325	8	14.00	15.50	16.50
Zabagab	47326	9	15.00	16.50	17.50
Zabagad	47327	10	16.50	18.50	19.50
Zabagaf	47328	12	18.00	20.00	21.00
Zabagag	47329	14	35.00	37.50	38.50
Zabagah	47330	16	42.50	45.00	46.00
Zacoruw	25589	18	55.00	57.50	58.50



No. 25573.

COVERED VIGILANT SINGLE STROKE AND VIBRATING BELL.

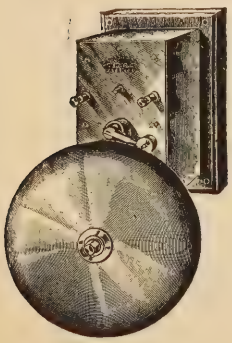
Zacorov	25568	2½	$7.30	$8.30	$8.80
Zacorow	25569	3	7.50	8.50	9.00
Zacorox	25570	4	8.00	9.00	9.50
Zacoroy	25571	5	9.00	10.00	10.50
Zacoroz	25572	6	10.00	11.00	11.50
Zacoru	25573	7	11.00	12.00	12.50
Zacorub	25574	8	15.50	17.00	17.50
Zacoruc	25575	9	16.50	18.00	18.50
Zacorud	25576	10	18.00	19.50	20.00
Zacoruf	25577	12	20.00	22.00	22.50
Zacorug	25578	14	37.00	38.50	39.00
Zacoruh	25579	16	45.00	47.00	47.50
Zacoruk	25580	18	57.50	59.50	60.00

No. 47336.

RECTI BELL.

3 Ohms Resistance, Regular Winding.

Zabagak	47331	3 inch	$5.50
Zabagal	47332	4 inch	5.75
Zabagam	47333	5 inch	7.50
Zabagan	47334	6 inch	8.50
Zabagap	47335	7 inch	9.50
Zabagar	47336	8 inch	10.50
Zabagas	47337	9 inch	13.50
Zabagat	47338	10 inch	16.50
Zabagav	47339	12 inch	22.50
Zabagaw	47340	14 inch	27.50
Zacorul	25581	15 inch	52.50
Zacorum	25582	16 inch	55.00
Zacorun	25583	18 inch	62.50



No. 47343.

ELECTRO-MECHANICAL GONGS.

For Use Indoors on Open or Closed Circuits.
(10 Ohms Resistance.)

Zabagax	47341	5 inch	$22.00
Zabagaz	47342	6 inch	23.00
Zabage	47343	8 inch	25.00
Zabageb	47344	9 inch	27.50

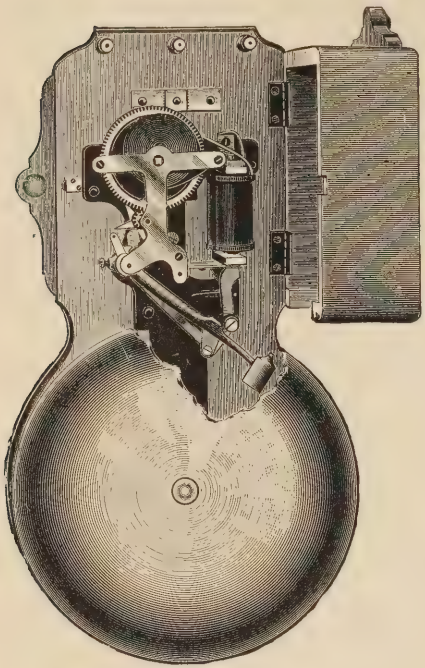
For Use in Exposed Places.
(10 Ohms Resistance.)

Zacorup	25584	3 inch	$13.50
Zacorur	25585	4 inch	15.00
Zacorus	25586	5 inch	20.00
Zacorut	25587	6 inch	22.50

For Open or Closed Circuits.
(4 Ohms Resistance.)
(No Additional Charge for Resistance Up to 10 Ohms.)

Zabaged	47345	6 inch	$33.00
Zabagef	47346	8 inch	35.00
Zabageg	47347	10 inch	37.50
Zabageh	47343	12 inch	40.00
Zabagek	47349	14 inch	45.00
Zabagel	47350	15 inch	50.00
Zabagem	47351	16 inch	55.00
Zacoruv	25588	18 inch	62.50

BELLS AND BUZZERS—(Continued).



THE "STAR."

ELLECTRO-MECHANICAL GONG.

This gong is designed for indoor use for railway purposes, in fire department houses, factories, schoolhouses, mines, etc., where loud and unerring alarms are required. The mechanism is simple, the operation accurate, and it will strike over three hundred blows with one winding. The instrument is mounted in a handsomely polished oak or black walnut case, having a glass front.

Style "A."

Single stroke, open circuit, 10 ohms resistance. This style is furnished with a device by which a bell can be connected in the circuit which will ring when the striking mechanism requires winding.

Style "B."

Continuous ringing, open circuit, 10 ohms resistance. When specially ordered, a device will be added for hotel fire alarm purposes, which will cause the gong to continue to strike should the wires be broken or burnt off, if one electrical impulse has reached the gong.

Style "C."

Single stroke, closed circuit, 25 ohms resistance. The gong strikes when contact is broken. Wound from 20 to 30 ohms resistance without extra charge. The device used with style "A" is also fitted to this style.

Style "D."

Continuous ringing, closed circuit, wound o 25 ohms (wound from 20 to 30 ohms without extra charge when so stated on order).

When orders do not state resistance, we shall send 10-ohm gongs made for open circuit.

Size.	List Price, Each. Style "A" or "B."	Style "C" or "D."
8 inch	**$26.00**	**$28.00**
10 inch	**30.00**	**32.00**
12 inch	**36.00**	**38.00**
14 inch	**40.00**	**42.00**
15 inch	**44.00**	**46.00**
18 inch	**52.00**	**54.00**

THE "STAR" WATER-TIGHT GONG.

FOR OUTDOOR AND MINE USE.

The following are some of the advantageous features of this new style gong:

It is made absolutely weather-proof by the use of rubber gaskets, and has protected binding posts.

Sleet guard prevents ice and snow forming upon the gong and diminishing its tone.

The front casting, which carries the mechanism, can be removed without detaching base from the wall (see cut below).

It has a guard which prevents nest-building by birds under gong.

Gong strikes three hundred blows at one winding.

Mechanism can be wound either by hand, by a key, or by a pole. This will be recognized by users of this style of apparatus as being very desirable.

Style "E"—Single stroke, open circuit, 10 ohms resistance.

Style "F"—Same as Style "E," including winding notification mechanism, $1.00 extra.

Style "G"—Continuous ringing, open circuit, 10 ohms resistance.

Style "H"—Single stroke, closed circuit, 25 ohms resistance.

Style "J"—Same as Style "H," including winding notification mechanism, $1.00 extra.

Style "K"—Continuous ringing, closed circuit, 25 ohms resistance.

Size.	Styles. "E," "F," "G."	Styles "H," "J," "K."
8 inch	**$26.00**	**$28.00**
10 inch	**30.00**	**32.00**
12 inch	**36.00**	**38.00**
14 inch	**40.00**	**42.00**
15 inch	**44.00**	**46.00**
18 inch	**52.00**	**54.00**

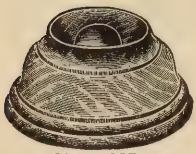
PUSH BUTTON.

No. 3623.

WATER-TIGHT PUSH BUTTON.

This makes a perfect water-tight Push, reliable in every respect. They are being used on Government steamships, in mines, vaults, cold storage and ice houses, and in thousands of other damp places.

Code Word.	List No.		List Price Each.
Zagani	3623	Platinum Contacts	$2.00
Zaganib	3624	Without Platinum	1.80



No. 3625.

WOODEN PUSH BUTTONS.

Polished Finish.

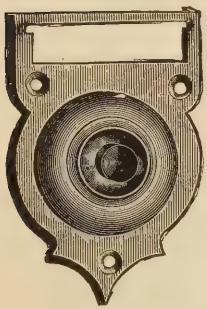
Size, 2⅛ inches.

Zaganic	3625	Walnut	.15
Zaganid	3626	Ash	.15
Zaganif	3627	Stained Cherry	.15
Zaganig	3628	Antique Oak	.15
Zaganih	3629	Oak	.15
Zaganik	3630	Mahogany	.15

Size, 1¾ inches.

Zaganil	3631	Walnut	.15
Zaganim	3632	Oak	.15
Zaganin	3633	Ash	.15
Zaganip	3634	Stained Cherry	.15

No. 16974.



No. 16976.

METAL CARD RACK.

Zaces	16974	2⅜ x ¾ inches	.10
Zacet	16975	3⅛ x ¾ inches	.12

NAME PLATE PUSHES.

Size, 3¼ x 2 inches.

This is a cast bronze push, and the only proper one, of the name plates we catalogue for outside use.

		Mfr. No.		
Zacev	16976	23		.44

NAME PLATE.

For Use Where a Permanent Designation Is Desired.

Made Either Half Round or Oblong.

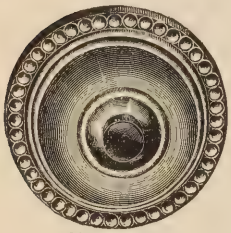
Finished in Nickel, Bronze, Brass or Brushed Brass.

No. 16977.

Zacew	16977	Half Round	.25
Zacex	16978	Oblong	.25
Zacez	16979	Stamping; per letter	.05

KEIL PUSH BUTTONS.

ALL FINISHES. STANDARD CENTERS, FIBRE BACKS, GERMAN SILVER SPRINGS. WROUGHT SCREW CAP.

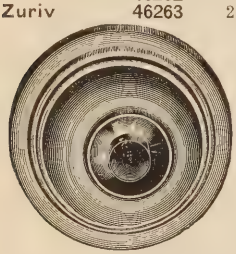


No. 46261.

No. 46262.

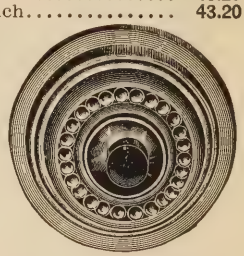
No. 46263.

Code Word.	List No.	Mfr. No.		List Price, Per Gross.
Zuris	46261	25703	Wrought Bronze Metal, size 2⅜-inch	$43.20
Zurit	46262	25705	Wrought Bronze Metal, size 2⅜-inch	43.20
Zuriv	46263	25706	Wrought Bronze Metal, size 2⅜-inch	43.20



No. 46264.

No. 46265.



No. 46266.

Zuriw	46264	25701	Wrought Bronze Metal, size 2⅜-inch	43.20
Zurix	46265	25704	Wrought Bronze Metal, size 2⅜-inch	43.20
Zuriz	46266	25703	Wrought Bronze Metal, size 2⅜-inch	43.20

LOOSE BACK.

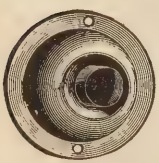
All for Screw No. ⅝x4, Round Head.

No. 46267.

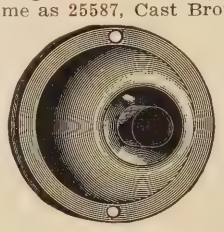
No. 46268.

No. 7476.

Zuro	46267	25579	Wrought Bronze Metal, size 2⅜-inch	25.90
Zurob	46268	25585	Wrought Bronze Metal, size 2⅜-inch	25.90
Zurod	46269	25586	Same as 25585, Cast Bronze Metal, size 2⅜-inch	39.60
Zafadah	7476	25587	Wrought Bronze Metal, size 2⅜-inch	25.90
Zafadak	7477	25588	Same as 25587, Cast Bronze Metal, size 2⅜-inch	39.60



No. 7478.



No. 7480.

No. 4187.

Zafadal	7478	25575	Wrought Bronze Metal, size 1¾-inch	25.90
Zafadam	7479	25576	Same as 25575, Cast Bronze Metal, size 1¾-inch	25.90
Zafadan	7480	25578	Wrought Bronze Metal, size 2⅜-inch	25.90
Zafadar	4186	25625	Same as 25578, Cast Bronze Metal, size 2⅜-inch	39.60
Zafadap	4187	25577	Wrought Bronze Metal, size 1¾-inch	25.90

All illustrations one-half full size. Packed one dozen in a box.

KEIL PUSH BUTTONS.

All Finishes, Standard Centers, Fibre Backs, German Silver Springs, Loose Back, Wrought Bronze Metal.

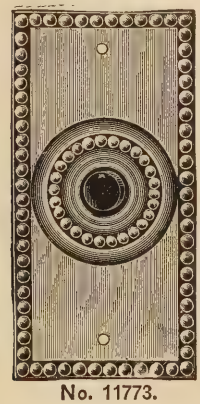
No. 11809.

No. 11770.

No. 11771.

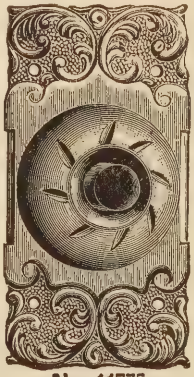
No. 11772.

Code Word.	List No.	Mfr. No.		List Price, per Gross.
Zabufah	11809	25755	Size 4 x2 inches	$57.60
Zabudok	11770	25760	Size 4¾x2 inches	57.60
Zabudol	11771	25761	Size 4¾x2 inches	57.60
Zabudom	11772	25765	Size 4 x2 inches	57.60



No. 11773.

No. 11774.



No. 11775.

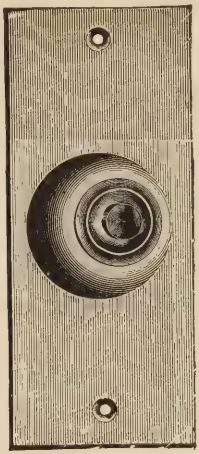
Zabudon	11773	25766	Size 4x2 inches	57.60
Zabudop	11774	25770	Size 4x2 inches	57.60
Zabudor	11775	25775	Size 4x2 inches	57.60

All for Screw No. ¾x5, round head. Half dozen in a box, with screws.

ALL ILLUSTRATIONS ONE-HALF FULL SIZE.

KEIL PUSH BUTTONS.

All Finishes, Standard Centers, Fibre Backs, German Silver Springs, Cast Bronze Metal.



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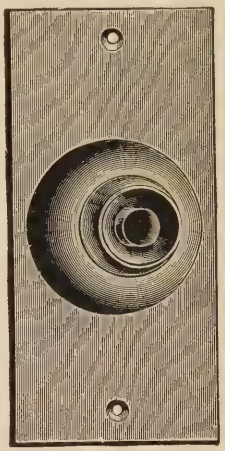
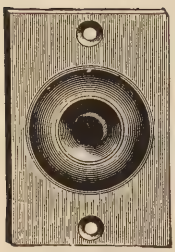


No. 11794.

Code Word.	List No.	Mfr. No.		List Price, per Doz.
Zabudum	11792	25827	Loose back, size 4⅞x2 inches	$6.60
Zabudun	11793	25828	Loose back, size 4⅞x2⅜ inches	7.40
Zabudup	11794	25829	Screw cap, size 4⅞x2⅜ inches	10.00

All for Screw No. ¾x6, flat head. Half dozen in a box, with screws.



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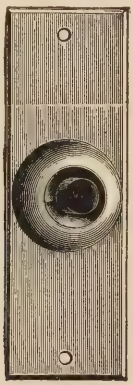


No. 11779.

No. 11781.

Zabudov	11778	25812	Screw cap, size 2½x1¾ inches	6.00
Zabudow	11779	25813	Screw cap, size 4 x1⅝ inches	6.40
Zabudox	11780	25816	Screw cap, size 4 x2 inches	8.00

WROUGHT BRONZE METAL.

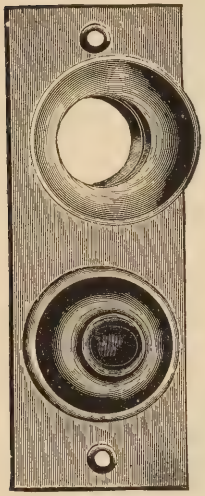
				Per Gross.
Zabudoy	11781	25750	Loose back, size 4⅛x1⅜ inches	57.60

All for Screw No. ¾x5, round head. Half dozen in a box, with screws.

ALL ILLUSTRATIONS ONE-HALF FULL SIZE.

KEIL PUSH BUTTONS.

All Finishes, Standard Centers, Fibre Backs, German Silver Springs, Loose Backs, Cast Bronze Metal.



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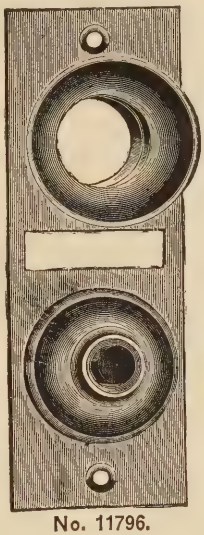

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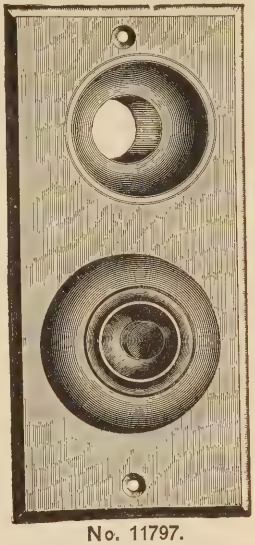


No. 11797.

Code Word.	List No.	Mfr. No.		List Price, per Doz.
Zabudu	11783	25878	Size, 5½x2 inches	$10.00
Zabudus	11796	25877	Size, 5¾x2 inches, opening 1⅝ inches	10.00
Zabudut	11797	25890	Size, 5½x2¾ inches	12.30
Zabuduv	11798	25891	Same as 25890, marked "Doctor's Bell"	19.20
Zabuduw	11799	25892	Same as 25890, marked "Janitor's Bell"	19.20
Zabudux	11800	25893	Same as 25890, marked "Night Bell"	19.20

All for Screw No. 1x6, flat head.

No. 24193.

In ordering, specify whether combinations of 2, 3 or more Pushes are wanted, or 2 combination will be sent.

Size, with 2 Pushes, 6⅝x2¼ inches.
Size, with 3 Pushes, 9¼x2¼ inches.
Size, with 4 Pushes, 11¾x2¼ inches.
Size, with 5 Pushes, 14⅜x2¼ inches.
Name Panel opening, 1¾ inches.

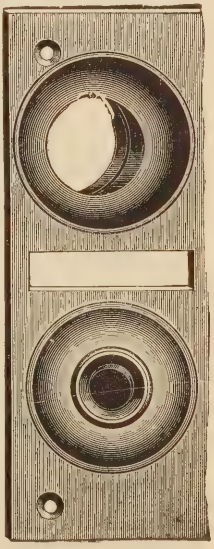
25907—CAST BRONZE METAL, LOOSE BACK.

			Each.
Zacivay	24193	With 2 Pushes	.90
Zacivaz	24194	With 3 Pushes	1.36
Zacive	24195	With 4 Pushes	1.80
Zaciveb	24196	With 5 Pushes	2.20

25908—CAST BRONZE METAL, SCREW CAP.

Zacivec	24197	With 2 Pushes	.90
Zacived	24198	With 3 Pushes	1.36
Zacivef	24199	With 4 Pushes	1.80
Zaciveg	24200	With 5 Pushes	2.20

All for Screw No. 1x6, flat head. One in a box, with screws.



PEERLESS CALL BUTTON STATION

No. 977.

No. 703.

FOR HOSPITAL SIGNAL SYSTEMS.

No. 806.

No. 9790.

Reverse No. 806.

The Peerless Call Button Station is especially adapted for hospital signal systems, and contemplates the use of an electric reset annunciator. Beside the patient's bed is placed in the wall either No. 806 "Griptite" Jack, which has no reset button, or No. 9870, which is provided with the reset button. The No. 703 plug fits this jack, and may be fitted with a single cord for one pendant push or a double cord for two pendant pushes, the latter when two beds are to be served from one wall jack.

The patient signals for a nurse, and the call indicates on the nurse's annunciator as well as on the annunciator in the superintendent's office. The nurse responds, and upon reaching the station presses the reset button, which restores the superintendent's drop to normal.

This is a check on the nurse.

The Peerless outfit fills the requirement for a neat and substantial apparatus.

The reverse cut of No. 806 clearly shows the construction. It is non-grounding. The wires may be soldered or screwed.

Plates are drilled to fit Bossart Cover No. 37 unless otherwise ordered.

Code Word	List No.	Mfr. No.		List Price
Zafigas	39202	806	2¾x4½x⅛ in.....	$1.20
Zafigat	39203	9870	2¾x4½x⅛in.....	1.60
Zafigav	39204	977	Celluloid shell	.90
Zafigaw	30205	976	Oak shell	.50
Zafigax	39206	703	Plug	1.10

The Workrite button is used in the pendants.

The pendant shells are capless and prevent tampering.

Cord not included in prices.

"WORKRITE" PUSH BUTTONS

No. 9703.

No. 970.

No. 97.

The Button with the long wiping contact.

The "Workrite" Push Button is offered in competition only where quality is the consideration. It is too well made to be considered on the question of price alone.

It is non-grounding. Wires may be soldered or screwed.

No. 97 fits ½-in. hole snugly.

No. 970 is a three-point or two-circuit push. fits ½-in. hole snugly.

No. 9701 is the same as No. 970, but has a spring fit for ⅝-in. hole.

No. 9703 is the same as No. 97, but has a spring fit for 9-16 hole.

No. 9702, same as No. 9703, but has spring fit for ⅝-in. hole.

No. 976 is a "Capless" Pendant Push, with the "Workrite" button held by a screw on the side.

No. 9765 is another "Capless," with a different shape shell.

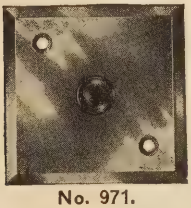
We invite correspondence relative to special requirements.

Finishes.—Prices are based on nickel, old brass and polished brass. Special finishes extra, depending upon kind and quantity.

No. 976.

No. 9765.

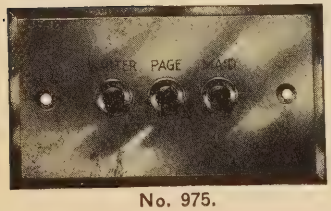
Codeword	List No.	Mfrs. No.		List Price
Zafifuf	39169	97	.....	.32
Zafifug	39170	970	Three point	.44
Zafifuh	39171	9701	" "	.46
Zafifuk	39172	9703	Spring fit 9-16 in.	.34
Zafiful	39173	9702	Spring fit ⅝ in..	.38
Zafifum	39175	976	"Capless" oak ..	.50
Zafifun	39176	9760	"Capless" mahogany (like 976)	.55
Zafifup	39177	9765	"Capless" rosewood	.70
Zafifur	39178	977	"Capless" ivory celluloid	.86
Zafifus	39179	9770	"Capless" black celluloid	.80



No. 971.

MOUNTED ON PLATES.

Zafifut	39180	971	1½x1½x⅛, 1 button.	.52
Zafifuv	39181	9710	Same as 971, but 3-point	.64
Zafifuw	39182	972	1½x3¼x⅛, 1 button.	.66
Zafifux	39183	9721	Same as 972, 2 buttons	$1.10
Zafifuy	39186	975	2½x4¼x⅛, 3 buttons.	1.78
Zafifuz	39189	9750	2½x4¼x⅛, 2 buttons.	1.34
Zafiga	39190	9751	2½x4¼x⅛, 1 button.	.90



No. 975.

Special sizes up to any number of buttons can be made on short notice.

Stamped Letters, each, 3 cents.

Engraved letters each, depending upon kind.

PUSH BUTTONS.

No. 22357.

DESK PUSH.

NICKEL OR BRASS.

Fits 5/8-inch hole.

No. 22554.

Code Word.	List No.		List Price, Each.
Zabokuv	22357	Pearl center	$0.20
Zabokuw	22358	Black composition center	.16
Zabokux	22359	White celluloid center	.16

NAME PLATE FOR DESK PUSH.

NICKEL.

No. 22361.

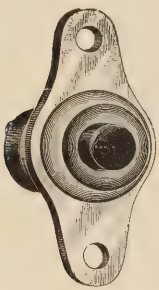
Zaborub	22554	Name plate	.04
Zabokuy	22360	Stamping, extra, per button	.04

HUB PUSH.

NICKEL.

Fits 1/2-inch hole.

Black Composition Centers.



No. 22362.

Zabokuz	22361	No. 1	.20
Zabola	22362	No. 3, with escutcheon	.25
Zabolab	22363	No. 5, with binding posts	.25
Zabolac	22364	No. 7, with binding posts and escutcheon	.30
Zabolad	22365	Extra for pearl centers	.06

HUB PUSH.

NICKEL.

Fits 5/8-inch hole.

No. 22368.

Zabolaf	22366	No. 8, black composition centers	.25
Zabolag	22367	Extra for pearl centers	.06

JUNIOR PUSH.

NICKEL, PEARL CENTER.

Fits 5/8-inch hole.

No. 22369.

Zabolah	22368		.25

MITE PUSH.

NICKEL, PEARL CENTER.

Fits 1/2-inch hole.

Zabolak	22369		.15

No. 18460

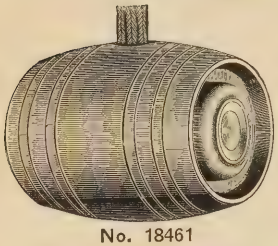
PUSH BUTTONS.

PRESSELLE.

Finely finished with imitation ivory ends.

Code Word.	List No.		List Price Each.
Zazov	18460	.....	$ .60

Oak, black walnut and mahogany in stock.



No. 18461

DOUBLE CONTACT BARREL PUSH.

2¾ in. long.

This push is used for electric gas lighting. It has a white desk push at one end and a black one at the other. Different shaped push button centres enable a selection of the proper button in the dark.

Zazow	18461	.....	.70

Mahogany wood in stock.

Special quotations on push buttons in quantities.

No. 18462

No. 15464

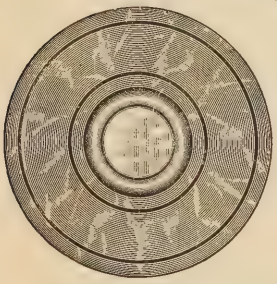
FANCY PEAR PUSH.

3½ in. long.

Finely finished with imitation ivory ends.

			Per Dozen.
Zazox	18462	.....	4.00

Oak, black walnut and mahogany in stock.



No. 18463

PEAR PUSHES.

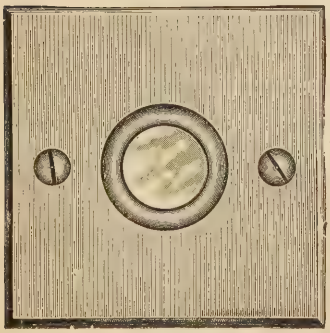
			Each.
Zaroz	15464	1 Plain Pear Push, 3 in. long..	.25
Zazu	15465	2 Celluloid Pear Push, 2¾ in. long.....	.70

ROUND "PEARL FACE" PUSH.

Size 1¾ in.

A handsome white plate of mother-of-pearl, fitted with a bronze-finished desk push. It is fastened to the wall so that no screws show on face-plate.

Zazub	18463	.....	.80



No. 18464

SQUARE METAL PUSH.

Pearl centre, light or dark.

Plate 1¾ inches square; midget push.

Zazud	18464	.....	.36

PUSHES.

FLOOR PUSHES.

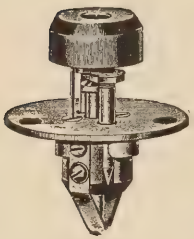
PLAIN FLOOR PUSH.

No. 45918.

Plate, 2 Inches in Diameter.

Code Word.	List No.		List Price Each.
Zukog	45918	Nickel-plated	$0.40

COMBINATION FLOOR PUSH.



No. 45919.

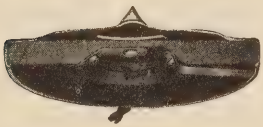
Plate, 2 Inches in Diameter.

Zukoh	45919	Combination Floor Push	.60
Zukok	45920	Combination Floor Push, fitted with two yards silk cord and plain pear push	1.00
Zukol	45921	Combination Floor Push, fitted with cord and table clamp	1.25
Zukom	45922	Combination Floor Push, fitted with cord and foot push	1.35

DANDY FLOOR PUSH.

Zukon	45923	Including plugs and eyelets	1.20
Zukop	45924	Combination Floor Push, including Dandy Floor Push, two yards special cord and a fancy pear push connected up	2.50

RENIM FLOOR TREAD.



No. 3620.

It indicates by a re-active action, which can be readily felt by the foot, whether the circuit has been closed or not, making it possible to give different signals, such as 1, 2, and 3 rings, etc.

Will not creep or shift its position under the rug.

Will not injure the finest rug, the sharp point extending well up between the meshes makes it easy to find and prevents wear.

Absolutely no strain on the connections. Ample room for tying knot.

Rubbing contacts working under hermetically sealed conditions are constantly cleaned at each operation by compressed air.

Zaganir 3620 ..... 1.00

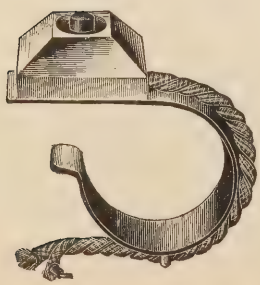
DAISY FLOOR TREAD.

No. 45926.

Designed to Use Under Rug or Carpet, and Requires No Holes.

Zukos 45926 ..... 1.50

ELECTRIC TABLE CLAMPS.

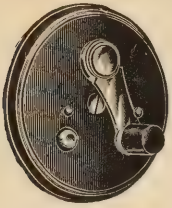


No. 3621.

For clamping on dining-room table or other movable furniture. Very handy when used with Combination Floor Push.

Zaganis 3621 Nickel-plated, without cord.... .60

WOOD AND RUBBER BASE SWITCHES.



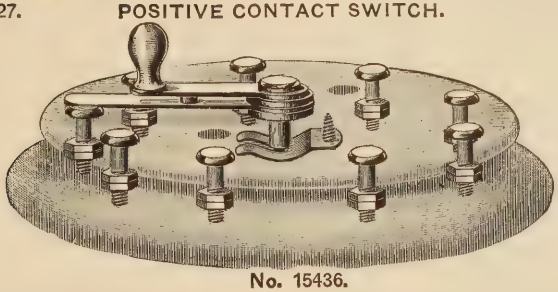
No. 15427.

ROUND WOOD BASE.

Nickel-Plated Lever and Points.

Code Word.	List No.		List Price Each
Declivitys	15427	1 point	$ .24
Decocts	15428	2 point	.28
Decolors	15429	3 point	.34
Decomposed	15430	4 point	.40
Decorated	15431	5 point	.44
Decoratives	15432	6 point	.48

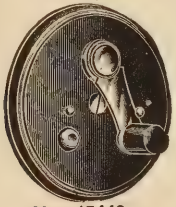
POSITIVE CONTACT SWITCH.



No. 15436.

Decorously	15433	5 point	1.00
Decorums	15434	6 point	1.10
Decreased	15435	7 point	1.20
Decrepits	15436	8 point	1.30
Decretals	15437	10 point	1.50
Decrys	15438	15 point	2.00
Decumbs	15439	20 point	2.50

This price includes stamping one or two figures or letters on the wood base at each switch point, when desired.



No. 15440.

RUBBER BASE SWITCHES.

Round Base, 2⅝ inches diameter.

Dedicated	15440	1-Point Switch	.60
Dedicatorys	15441	2-Point Switch	.70
Deduced	15442	3-Point Switch	.80
Deducts	15443	4-Point Switch	.90
Deeded	15444	5-Point Switch	1.00
Deems	15445	6-Point Switch	1.10

No. 15446.

KEYSTONE SWITCH.

Hard polished rubber, hollow back, nickel trimmings.

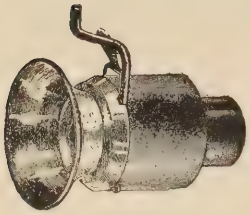
Deeps	15446	1 Point	.60
Defaced	15447	2 Point	.70
Defalcated	15448	3 Point	.80
Defamal	15449	Lettering on knob, per switch	12½

No. 15450.

POLE CHANGING SWITCH.

Defamed	15450	Rubber base back connection	1.50
Defaults	15451	Rubber base front connection	2.00

SPEAKING TUBE SUPPLIES.

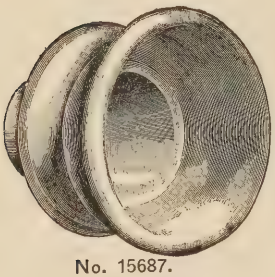


No. 15683.

WHISTLES.

Round Metal Whistle.

Code Word.	List No.		List Price Per Doz.
Carpuses	15683	With indicator, N. P.....	$5.50
Carrions	15684	Without indicator, N. P.....	5.00
Carrys	15685	With indicator, ox. cop.....	5.50
Carted	15686	Without indicator, ox. cop.....	5.00



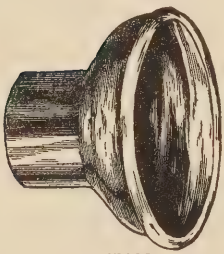
No. 15687.

Porcelain.

Cartels	15687	Porcelain, 1-inch round.....	.80

Plain Metal.

Cartilaged	15688	Light bronze, 1-inch tube.....	3.00
Cartoons	15689	Nickel plated, 1-inch tube.....	2.50
Cartridges	15690	Oxidized copper, 1-inch tube....	2.50



No. 15688.

ELBOW SPEAKING TUBE WHISTLE.

For Speaking Tubes That Run Outside of Walls.

Carved	15691	With indicator, japanned body, porcelain mouth-piece.....	5.50
Cascades	15692	Without indicator, japanned body, porcelain mouth-piece.....	5.00
Cased	15693	With indicator, nickel body, nickel mouth-piece.....	7.00
Cashes	15694	Without indicator, nickel body, nickel mouth-piece.....	6.50
Cashiers	15695	With indicator, oxidized copper mouth-piece	7.00
Casinos	15696	Without indicator, oxidized copper mouthpiece	6.50

No. 15698.

WALL FLEXIBLE TUBES.

Made with whistles or open mouth-pieces and in any length wanted.

With whistle and straight collar.

Casks	15697	2 feet long, complete, each.....	2.00
Casketed	15698	3 feet long, complete, each.....	2.60
Casqued	15699	4 feet long, complete, each.....	2.90
Cassinos	15700	5 feet long, complete, each.....	3.20

SPEAKING TUBE SUPPLIES—(Continued).

No. 44407.

MOHAIR COVERED FLEXIBLE SPEAKING TUBE.

Code Word.	List No.		List Price.
Zolig	44407	1 inch diameter, per ft.	$ .40

No. 44408.

TUBE HOLDER.

FOR FLEXIBLE TUBES.

Zolih 44408 Nickel plated, per dozen..... 3.60

No. 44409.

SLIDE TUBE.

The Slide Flexible Tube is a tubular standard screwed to floor, with opening at base to connect with Speaking Tube. The flexible tube when out of use is concealed within standard.

Zolik 44409 Nickled, 28 inches high, with whistle, each 7.00

Zolil 44410 Polished brass, 28 inches high, with whistle, each 7.00

Any Length Made to Order.

No. 44411.

STAPLES.

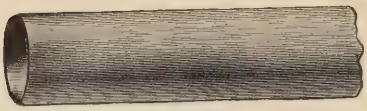
Zolim 44411 For 1 in. Speaking Tube, per lb..... .40

TINNED DOUBLE-POINTED TACKS.

NOS. E, E ROUND AND 10.

Zolin 44412 In pound boxes ..... .30

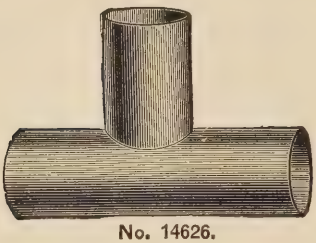
SPEAKING TUBE SUPPLIES—(Continued).



No. 14623.

SOLDERED SEAM SPEAKING TUBE.

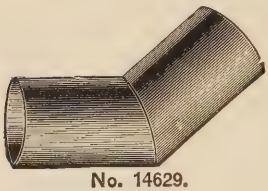
Code Word.	List No.		List Price, Per 100.
Chanced	14623	1-inch diameter, per 100 feet	$3.00
Chancels	14624	1¼-inch diameter, per 100 feet	5.00
Chancellors	14625	1½-inch diameter, per 100 feet	7.50



No. 14626.

SOLDERED TEES.

Chancerys	14626	1-inch diameter, per 100.	7.00
Chandeliers	14627	1¼-inch diameter, per 100	8.50
Changed	14628	1½-inch diameter, per 100	10.00

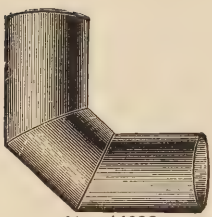


No. 14629.

OBTUSE OR HALF ELBOWS.

45° Bend.

Changeables	14629	1-inch diameter, per 100.	2.80
Channels	14630	1¼-inch diameter, per 100	4.00
Chanty	14631	1½-inch diameter, per 100	8.00



No. 14632.

LOBSTER BACK.

Chaols	14632	1-inch diameter, per 100	4.00
Chaotics	14633	1¼-inch diameter, per 100	6.00
Chaps	14634	1½-inch diameter, per 100	10.00

ROSES FOR WHISTLES AND MOUTH-PIECES.

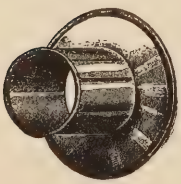
Spun.

No. 14635.

			Per Doz.
Chapels	14635	Light bronze, 1-inch hole	1.50
Chaperons	14636	Nickel plated, 1-inch hole	1.50

COLLARS.

For Protecting Ends of Flexible Tube.



No. 14639.

Chaplains	14637	Light bronze, per dozen	4.50
Chapters	14638	Nickel plated	4.00

FLANGE COLLAR.

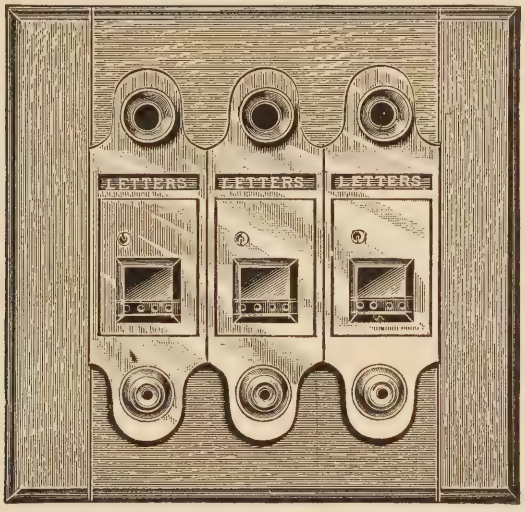
Charry	14639	Light bronze	6.00
Characters	14640	Nickel plated	5.00

LETTER BOXES.

FOR APARTMENT HOUSES, FLATS, OFFICE BUILDINGS, ETC.

Plain Polished Bronze Letter Boxes.

All letter boxes can be made without Mouth-piece or Pushes if required, and furnished either mounted or unmounted.

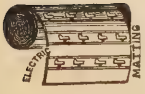


Plain Polished Bronze, with Mouthpiece and Screw Cap Pushes. Flush Doors.

Code Word.	List No.		List Price, Per Section.
Zopof	44692	Single boxes, unmounted	$2.50
Zopog	44693	Mounted on wooden mat, one section	3.50
Zopoh	44694	Mounted on Wooden mat, two sections and over	3.00
Zopok	44695	For oxidized copper, add	.30

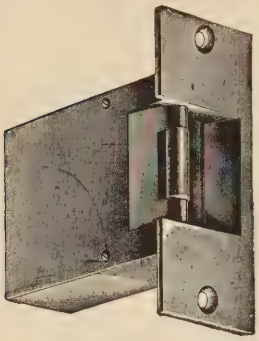
Special Finishes Furnished to Order.

ELECTRIC FLOOR MATTING.



Zopol	44696	Per square foot	.40

Put up in 50 foot rolls, 2 and 3 feet wide. Any length cut to order.



No. 15655.

DOOR OPENERS.

ECO DOOR OPENER.

ROLLER.

Requires only a straight mortise, as the side does not project. It is entirely encased to protect the mechanism from dust and insects.

The patented anti-friction roller enables this door opener to be used for very heavy doors with small battery power. Width of nosing, 1¼ inches. A push out spring furnished with this opener.

Code Word.	List No.	List Price, Each.
Carcased	15655	$2.50

No. 15656.

MUELLER DOOR OPENER.

Length, 4¾ inches; depth, 2 inches; width, 1¼ inches.

Face Plate, 1⅜ by 6⅜ inches.

Carcasses	15656	2.30

No. 15660.

NEW EDWARDS' RIM OPENER ROLLER.

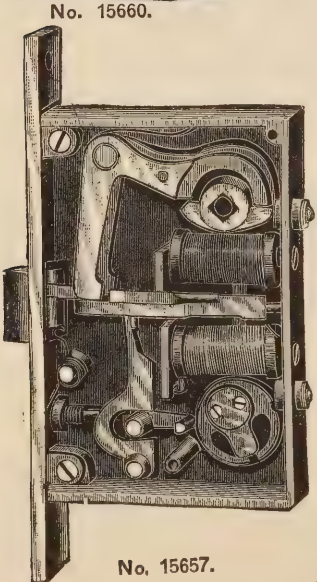
For use with surface or rim japanned iron locks on thin doors, iron gates, etc. The case is japanned iron

Code Word.	List No.	List Price, Each.
Cared	15660	3.10

PUSH SPRING.

Strong phosphor bronze spring for use with door openers.

Careens	15661	.24



No. 15657.

Length, 5¼ in.; depth, 3⅜ in.; thickness, ⅞ in.; face plate, 1¼x7⅜ in.

THE "P. & T." ELECTRIC LOCK.

The superiority of this lock rests in the fact that it possesses all the advantages of electric locks now on the market, and the following additional points of excellence to be found in no other, which are: that either the Yale, Harvard or Sargent cylinder locks, acknowledged to be the best in the world, can be used in connection with this device, also that both knobs are released by closing the electric circuit, making the lock especially adapted for use on office doors.

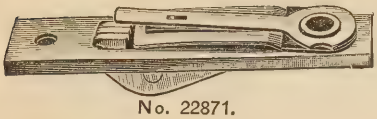
This lock can be so constructed that it will lock instead of unlock the latch, which makes it especially applicable for use with bank doors. No extra charge for this attachment.

Carded	15657	11.00

WINDOW SPRINGS.

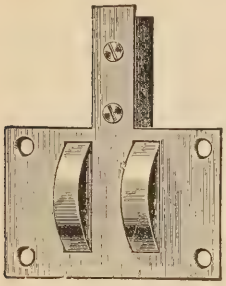
No. 22870.

Code Word.	List No.		List Price Each.
Zepew	22870	Heavy Window Spring, heavy nosing and strong springs with rubbing contact; can be arranged for open or closed circuit; size of plate, ⅝x3⅜ in.....	$ .30



No. 22871.

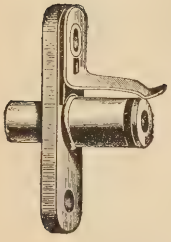
Zepex	22871	Window Spring, good rubbing contact; phosphor bronze springs. Being small it is easily applied	.22



No. 22872.

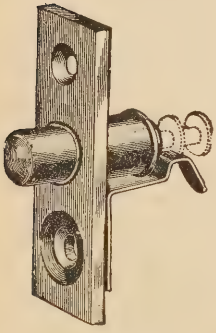
Zepez	22872	Double Window Spring.....	.72

DOOR SPRINGS.



No. 22873.

Zepi	22873	Open Circuit Door Spring. The contacts scrape themselves clean, insuring a positive connection. Size of front plate, ⅝x2 inches.....	.24



No. 22874.

Zepib	22874	Make and break. Contact is made as door opens and as it shuts, but not while it is open or shut. Size of front plate, ⅝x2 inches.....	.24

DOOR TRIP.

No. 22875.

Zepid	22875	For use on store doors, to announce entrance of customer. Rings signal when door passes the trip, but is silent when open and in closing door.	.50

ELECTRIC GAS LIGHTING APPARATUS.

AUTOMATIC BURNERS.

Advance Burner.

ADVANCE AUTOMATIC BURNERS.

Code Word.	List No.		List Price Each.
Zuhil	45813	Regular	$5.00
Zuhim	45814	Advance Safe Guard Automatic	6.00

Boston Burner.

BOSTON AUTOMATIC.

Zabewax	50654	Regular	5.00

Acetylene Burner.

ADVANCE ACETYLENE AUTOMATIC.

Zuhih	45811	In ¼, ½, ¾ and 1 inch	8.50
Zuhik	45812	In ¼, ½, ¾ and 1 inch Vibrator	4.50
		Automobile Vibrator, ¾ inch	5.00

Welsbach Burner.

ADVANCE AUTOMATIC WELSBACH.

Fits Nos. 60, 61, 70 and 71 Welsbach, and numerous other Welsbach form of burners.

Zabewaz	50655		8.00

Exposed Automatic Burner.

Concealed Candle Burner.

ADVANCE CANDLE AUTOMATIC.

Zabewe	50656	With Regular Automatic	8.50
Zabeweb	50657	Automatic, with mechanism concealed in candle	8.50
Zabewed	50658	Fitting Special Candle Burners, extra	.50

Style "A" Metal Key.

Style "B" Wood Key.

AUTOMATIC KEYS.

Style "A" Metal Base.
Style "B" Wood Base.

Zabevuz	50637	2 Button Key	.55
Zabewa	50638	4 Button Key	.85
Zabewab	50639	6 Button Key	1.20
Zabokiv	22317	8 Button Key	1.60
Zabokiw	22318	10 Button Key	2.20
Zabokix	22319	12 Button Key	2.70

Orders should specify whether Metal or Wood Base Keys are desired.

WOOD MATS.

For use on Style "A" metal keys. Oak only. Other woods extra.

Zabokiy	22320	2 Button Mat	.24
Zabokiz	22321	4 Button Mat	.40
Zaboko	22322	6 Button Mat	.50
Zabokob	22323	8 Button Mat	.75

ELECTRIC GAS LIGHTING APPARATUS.

No. 1½.

No. 3.

PENDANT BURNERS.

Chain Type, Polished Brass, Pulls Extra.

Code Word.	List No.		List Price Each.
Zabewam	50646	No. 1½ Simple, no valve	$0.60
Zabewan	50647	No. 3 Ratchet Valve	1.20
Zugak	45686	No. 3 Ratchet Valve, gasolene	1.50

No. 17.

No. 10.

STIFF PULL.

Polished Brass. 6-inch Pulls Included.

Zabewar	50649	No. 17	1.00
Zabewap	50648	No. 10 Non-Short Circuiting	1.00

ADVANCE STEM BURNERS.

These burners are operated by a key and do not short circuit on the return of the electrode. Supplied in polished brass, and with stem.

Zugah	45685	Advance Stem Burner	1.80
Zugal	45687	Advance Side Lever Burner	1.70
Zugam	45688	Advance Gasolene Burner	2.10

Advance Burner.

Advance Gasolene.

ACETYLENE PENDANT BURNERS.

Zacatir	16622	No. 101 Stiff Pull, with Steward-Dolan Tip	1.50
		Advance Style "A" for 3¼-inch Holder	2.60
Zacatis	16623	Advance Style "B" for 2¼-inch Holder	2.60
Zacatit	16624	Style "A" or "B," with Steward-Dolan Tip	2.50

Style "A" Welsbach.

WELSBACH ATTACHMENT.

Fits Nos. 60, 61, 70 and 71 Welsbach, and numerous other Welsbach forms of burners.

Zacativ	16625	Style "A" Welsbach Attachment	2.10

No. 22.

Advance Candle.

CANDLE BURNERS.

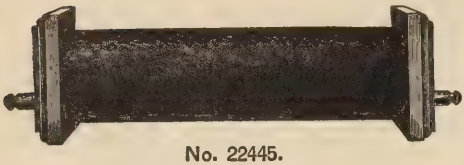
Zabewat	50651	Advance Candle Burner	3.60
Zabewav	50652	No. 20 Simple, no valve	2.60
Zabewaw	50653	No. 22 Ratchet	3.10
Zuhin	45815	Candle Fitting, either style, extra	.50

Chain Pull.

CHAIN PULLS.

Zabokik	22309	Gilt, 6 inch. Per doz	1.68
Zabokil	22310	Gilt, 8 inch. Per doz	1.92
Zabokim	22311	Gilt, 10 inch. Per doz	2.16
Zabokin	22312	Gilt, 12 inch. Per doz	2.40
Zabokip	22313	6 or 8 inch Stiff Pulls. Per doz	1.20
Zabokir	22314	Bead Chain, gilt. Per yard	.28
Zabokis	22315	Solid Brass Acorns, gilt and lacquered. Per doz	.40
Zabokit	22316	Cups and Pins, gilt, for bead chain. Per doz	.20

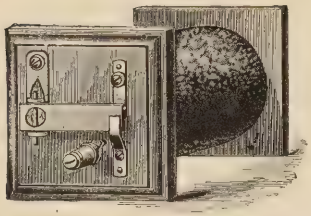
SPARK COILS.



No. 22445.

NO. 1 SPARK COIL.

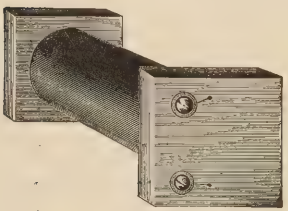
Code Word.	List No.		List Price. Each.
Zabomop	22445	.....	$2.50
Zabusef	12874	With Circuit Closing Attachment	3.10



No. 12875.

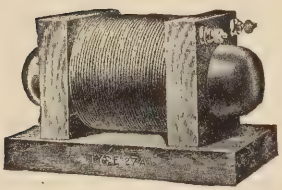
NO. 2 SPARK COIL.

Zabomor	22446	.....	3.50
Zabuseg	12875	With Circuit Closing Attachment	4.10
Zabuseh	12876	Circuit Closing Attachment, unmounted	.50



No. 22447.

Zabomas	22447	No. 8, 8 in. long.	1.70
Zabomot	22448	No. 10, 10 in. long.	2.00
Zabomov	22449	No. 12, 12 in. long.	2.50



No. 22450.

STATIONARY GAS ENGINE COIL.

Zabomow	22450	.....	2.25

MARINE GAS ENGINE COIL.

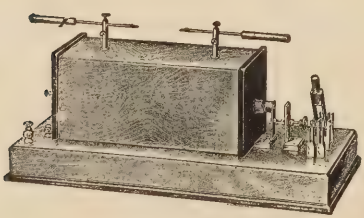
Zabomox	22451	.....	2.25

No. 22451.

RUHMKORFF COILS.

Zabomoy	22452	¼	inch.....	7.50
Zabomoz	22453	½	inch.....	11.80
Zabomu	22454	⅝	inch.....	18.60
Zabomub	22454	¾	inch..	27.00
Zabomuc	22455	1	inch.....	30.00
Zabomud	22456	1¼	inch.....	35.00
Zabomuf	22457	1½	inch.....	40.00
Zabomug	22458	1¾	inch.....	45.00
Zabomuh	22459	2	inch.....	50.00

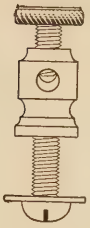
Prices of larger sizes on application.



No. 22455.

BINDING POSTS.

Style B.
No. 44250.



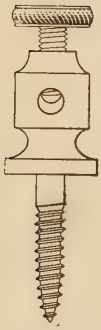
Style C.
No. 44252.

STYLE B.

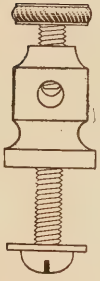
Code Word.	List No	List Price Per 100.
Zohon	44250	$7.00

STYLE C.

Zohor	44252	6.00



Style H.
No. 44253.



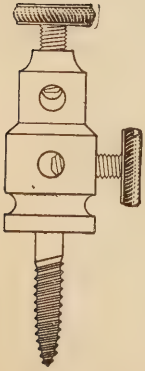
Style A.
No. 44254.

STYLE H.

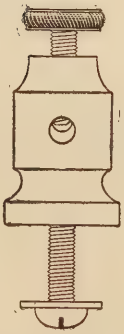
Zohos	44253	8.50

STYLE A.

Zohot	44254	7.50



Style F.
No. 44256.



Style J.
No. 44257.

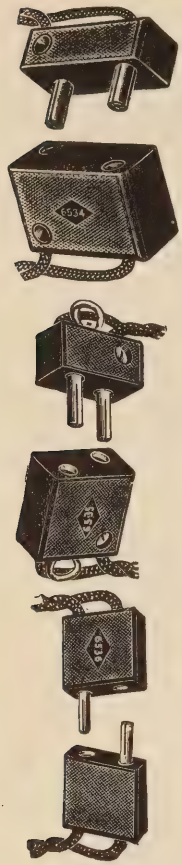
STYLE F.

Zohow	44256	12.00

STYLE J.

Zohox	44257	5.00

BATTERY AND STAGE CONNECTORS.



LARGE SIZE.

1⅞x1⅞x⅞ Inches.

These Connectors are very convenient for connections which have to be made and unmade frequently and rapidly. Therefore, they are well adapted for theatrical work, for storage battery connections in electric vehicles, for trailer light coupling on electric railways, and for large chandeliers in churches and theatres.

It is made in accordance with the underwriters' requirements and will safely carry 25 amperes on 125 volt circuits.

Code Word.			List Price Each.
Zagafak	41535	.....	$0.80

MEDIUM SIZE.

1⅞x1¼x¾ Inches.

This Connector is identical in construction to the No. 6534, except that it is smaller and of a lower carrying capacity, being made to carry but 15 amperes.

For connecting portables, fans, small motors, etc., it will be found very convenient, its simplicity recommending it for such purposes.

It is provided with two eye screws, one at each end, which can be used for anchoring the cord, should it be deemed advisable to do so. Can also be looped together by this means, so that when separated the two parts being close together can be located and connected without delay.

Zagafal	41536	.....	.60

SMALL SIZE.

1⅞x1 1/16x7/16 Inches.

This Connector is of the same general construction as the larger types, but owing to its small size, cannot be employed where very heavy currents are used.

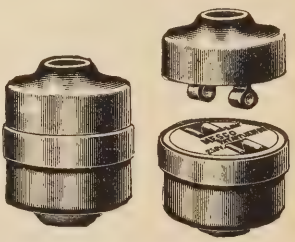
It will be found invaluable where rapid connections are desired, as is often the case with demonstrations of electrical experiments on the lecture platform, in laboratories, etc. In many other ways which will suggest themselves the small Connector can be used and its performance will always be found satisfactory.

Zagafam	41537	.....	.50

STAGE CONNECTOR.

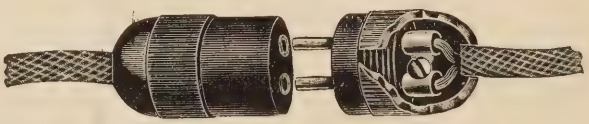
Brass Shell.

The most serviceable Stage Connector on the market, combining attractiveness and strength. The neat appearance of the brass shell together with the separable cap feature makes it an article of pronounced merit. Cap is interchangeable with our other Separable Cap fittings.



			Std. Pkg.	
Zagafan	41538	.....	50	.70

MIDGET SEPARABLE CONNECTOR.



A very handy and safe Connector for primary or storage battery circuits for making and breaking contacts. Safely and quickly applied. The screw caps on each end are made of hard rubber composition and will prevent shocks to the user, and also protect the connection of wires and binding posts.

They are used extensively on automobiles, launches, etc., for connecting electric lamp circuits, and in thousands of other places where a quick Connector is desired.

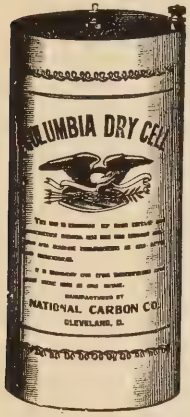
Zagafap	41539	Size 1⅝x1 inch.....	.50
Zagafar	41540	Size 2 x ⅝ inch.....	.64

DRY BATTERIES.

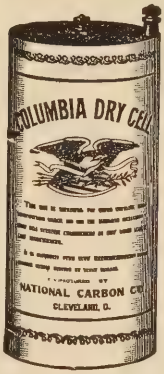
COLUMBIA DRY CELLS.

Especially Designed for Telephone and Other Open Circuit and Intermittent Service.

Made in Five Sizes.



No. 18319.



No. 18320.

No. 18321.

No. 18322.

No. 18323.

Code Word.	List No.	Size.	List Price, Each.
Zacenex	18319	3½x8 inches	$1.50
Zaceney	18320	3 x7 inches	1.30
Zacenez	18321	2½x6 inches	.50
Zaceni	18322	2 x5 inches	.40
Zacenib	18323	1½x4 inches	.35

COLUMBIA IGNITOR DRY CELLS.

Especially Designed for Ignition Service, Automobiles, Gas Engines, Gasoline Engines, Launches, Etc.

Made in Three Sizes.

No. 18324.

No. 18325.

No. 18326.

Zacenic	18324	3½x8 inches	1.60
Zacenid	18325	3 x7 inches	1.40
Zacenif	18326	2½x6 inches	.50

SAMSON BATTERIES.

SAMSON NO. 1.

Size Over All, 7¼x4x4 Inches.

Code Word.	List No.		Std. Pck.	List Price Each.
Zabewem	50664	Complete regular	50	$1.50
Zabewen	50665	Complete with special zinc	50	1.50
Zabewep	50666	Carbon vase	50	.90
Zabewer	50667	Cover	50	.14
Zabewes	50668	Depolarizing compound	100	.10
Zabewet	50669	Jar	50	.18
Zabewev	50670	Rubber Fender style "F"	100	.06
Zabewew	50671	Rubber Plugs (Set of 3)	100	.12
Zabewex	50672	Rubber Rings style "R"	100	.04
Zabewez	50673	Sal Ammoniac	100	.08
Zabewi	50674	Zinc, regular	50	.26
Zabewib	50675	Zinc, special	50	.26

SAMSON NO. 2.

Size Over All, 8x4¾x4¾ Inches.

Zabewid	50676	Complete regular	50	1.60
Zabewif	50677	Complete with railroad zinc	50	1.90
Zabewig	50678	Complete with special zinc	50	1.60
Zabewih	50679	Carbon vase	50	1.10
Zabewik	50680	Cover	100	.16
Zabewil	50681	Depolarizing compound	100	.10
Zabewim	50682	Jar	50	.20
Zabewin	50683	Sal Ammoniac	200	.10
Zabewip	50684	Zinc, regular	100	.28
Zabewir	50685	Zinc, railroad	50	.50
Zabewis	50686	Zinc, special	100	.28
Zufen	45620	"Star" rubber fender	100	.10

SAMSON NO. 3.

Size Over All, 8½x5¼ Inches.

Zabewit	50687	Complete	25	2.00
Zabewiv	50688	Carbon vase	50	1.40
Zabewiw	50689	Cover	25	.20
Zabewix	50690	Jar	25	.40
Zabewiz	50691	Sal Ammoniac	200	.50
Zabewo	50692	Zinc	50	.50

SAMSON SEMI-DRY.

Size Over All, 8½x5 Inches.

Zabewob	50693	Complete	12	2.50
Zabewod	50694	Carbon vase	50	1.40
Zafowuz	37589	Complete recharge	25	2.00
Zafoxa	37590	Jar	25	.70
Zafoxab	37591	Sal Ammoniac	200	.50
Zafoxac	37592	Zinc	50	.50

BATTERIES.

THE RESIAK BATTERY.

A SUPERIOR BATTERY FOR HEAVY OPEN CIRCUIT WORK. ESPECIALLY ADAPTED FOR TELEPHONE, RAILWAY SIGNAL AND BELL WORK.

No. 44206.

An open circuit battery, especially adapted for use where constant service requires remarkable recuperative powers. This cell has a voltage of from 1.5 to 1.7, and an amperage of approximately 3.1.

COMPONENT PARTS.

CARBON.—Is made in two sections, the lower being hollow, with an externally fluted surface, containing an efficient depolarizing compound. The upper section, which holds the binding posts, is threaded to fit the lower portion.

ZINC.—A carefully amalgamated ½ inch pencil zinc is furnished with this battery.

No. 44208.

No. 44209.

BUSHING.—A specially designed split porcelain bushing, 2 inches long, holds the zinc in place, and at the same time renders the use of rubber bands unnecessary.

Code Word.	List No.		List Price.
Zoheb	44206	Battery complete	$1.00
Zohed	44207	Glass Jar	.12
Zohef	44208	Carbon	.70
Zoheg	44209	Zinc	.24
Zoheh	44210	Bushing	.08
Zohek	44211	Salammoniac, per package	.10
Zohel	44212	Depolarizing Compound, per pkge.	.10

No. 44213.

THE P. A. CARBON CYLINDER BATTERY.

Our standard carbon cylinder battery. The elements are the best made, and are interchangeable with any other standard carbon cylinder battery.

Zohem	44213	Battery complete	.50
Zohen	44214	Carbon Cylinder	.30
Zohep	44215	Glass Jar	.12
Zoher	44216	Zinc	.06
Zohes	44217	Salammoniac, per package	.10

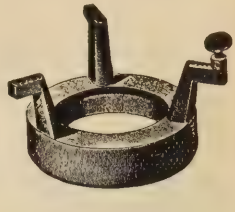
BATTERY ZINCS.

No. 43369.

No. 43370.

No. 43377.

No. 43375.


No. 43368.

CROWFOOT ZINCS.

Code Word.	List No.	Weight.		List Price Each.
Zisob	43369	1 lb. 12 oz.	For 5x7 jar	$0.50
Zisod	43370	3 lbs.	For 6x8 jar	.60
Zisoc	43374	3 lbs. 4 oz.	For 6x8 jar	.70

STAR ZINC.

Zisok	43377	2 lbs. 2 oz. with copper	.60

LOCKWOOD ZINC.

Zison	43375	2 lbs., with pin and nut	.60

GAMEWELL FIRE ALARM ZINC.

Zisol	43376	4 lbs.	.90
Zisom	43371	3 lbs.	.70

STANDARD FIRE ALARM ZINC.

Zisof	43368	3 lbs.	.70

No. 43367.

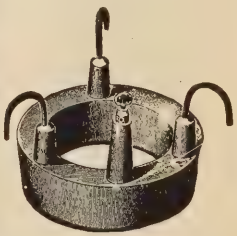
No. 43366.

No. 43356.

No. 43357.

No. 43358.

No. 43365.


No. 43362.

DANIEL ZINC.

Ziso	43367	2 lbs. 3 oz., with copper wire	.70

FULLER ZINC.

Zisiz	43366	1 lb. 2 oz, with copper wire	.45

LECLANCHE ZINCS.

Zisik	43356	With thumb screw	.05
Zisil	43357	With thumb screw	.05
Zisim	43358	With wing nut and washer	.08
Zisiw	43365	Cast. With lugs, brass screw and nut	.09

ZINC FOR TRACK CIRCUITS AND ALARM.

Zisis	43362	4 lbs	.90
Zisix	43643	3 lbs	.70

"EXIDE" SPARKING BATTERIES.

The plates used in the manufacture of this battery are of the well known "EXIDE" type which is used in all standard makes of electric vehicles. In other words—the best plate that can be made.

The only parts of this battery which can corrode are the brass studs of the binding posts, which can be replaced without trouble or dismantling the battery. All other connections are of a non-corrodible metal. All joints are lead burned and are imbedded in a special compound.

The expansion joint at the bottom of the box compensates for any swelling or shrinking of the wood bottom caused by moisture.

The cap or vent provided in these batteries is designed so that gas can escape and still allow spray, generated during charging, to run back into the cell without closing the gas vent.

The rubber jars in this battery are imbedded in a special plastic compound. This supports and strengthens the jars, reduces the liability of breakage from shock and protects the inside of the wood box from the action of the acid in case of sloppage or leakage.

Catalog No.	No of Cells in Case.	Volts.	Type and No. of Plates.	Amp. Hour Capacity at Service Rate.	Charging Cur. Rate in Amp.	Outside Dimensions— Over All. Lgth, Ins.	Width, Ins.	Hght, Ins.	Weight Complete, Lbs.	List Pr. Complete, Charged.
51	1	2	S 5	40	4	3 7/8	6⅜	9	8½	$7.75
52	2	4	S 5	40	4	5 11/16	6⅜	9	17	14.00
53	3	6	S 5	40	4	7 1/2	6⅜	9	25½	20.25
54	4	8	S 5	40	4	9 5/16	6⅜	9	34	26.50
71	1	2	S 7	60	6	4 11/16	6⅜	9	12	9.25
72	2	4	S 7	60	6	7 5/16	6⅜	9	24	17.25
73	3	6	S 7	60	6	9 15/16	6⅜	9	35¾	25.25
74	4	8	S 7	60	6	12 9/16	6⅜	9	47½	33.25
91	1	2	S 9	80	8	5 5/16	6⅜	9	15½	11.50
92	2	4	S 9	80	8	8 9/16	6⅜	9	30¾	21.00
93	3	6	S 9	80	8	11 13/16	6⅜	9	46	30.50
94	4	8	S 9	80	8	15 1/16	6⅜	9	61	40.00
111	1	2	S11	100	10	6 5/16	6⅜	9	19	13.75
112	2	4	S11	100	10	10 9/16	6⅜	9	37½	24.75
113	3	6	S11	100	10	14 13/16	6⅜	9	55½	35.75
114	4	8	S11	100	10	19 1/16	6⅜	9	74	46.75

When Handles are Used, the Length Dimension is 7/8 Inch Less.

PRICES OF PARTS.

	S5.	S7.	S9.	S11.
Terminal strap, positive with Bolt Connector...	$0.33	$0.34	$0.36	$0.38
Terminal strap, negative with Bolt Connector...	.34	.36	.38	.40
Inside strap, positive	.06	.07	.09	.10
Inside strap, negative	.07	.09	.10	.12
Connector, side by side	.08	.09	.10	.11
Rubber jar	.85	.95	1.10	1.40
Cover, with vent and cap	.38	.43	.48	.53

Plate, positive	$0.60
Plate, negative	.55
Wood separator	.02¼
Hard rubber cylinder vent for covers, complete with cap	.25
Cap, for cylinder vent	.15
Terminal bolt connector, complete	.25
Stud, for terminal bolt connector	.15
Alloy-covered thumb nut	0.05
Copper washer	.01

Strap handle	.45
Soft rubber bushing	.03
Sealing compound, per lb.	.50
Plastic asphaltum, per lb	.25
Pouring wax, per lb	.15
Electrolyte (battery fluid), per 100 lbs.	3.00

WOODEN CASES WITHOUT HANDLES.

One cell	1.50
Two cells	1.75
Three cells	2.00
Four cells	2.25

BATTERY SUPPLIES.

No. 31568.

BATTERY SYRINGE.

Code Word.	List No.		List Price, Each.
Zadoran	31568	Syringe	$4.00
Zadorap	31569	Extra pipes	.50
Zadorar	31570	Extra valves	.40

BULB SYRINGE.

For regulating the quantity of acid in batteries, etc.

This is made with heavy quick acting rubber bulb. Capacity 8 ounces. Furnished with a straight and a bent nozzle, packed in wooden box.

Zadoras	31571	Complete	3.00
Zadorat	31572	Extra bulb with fitting	2.00
Zadorav	31573	Extra nozzles	1.00

No. 31578.

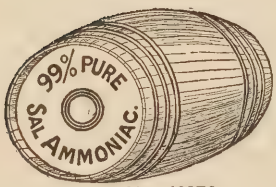
BATTERY FUNNELS.

Zadoraw	31574	½-pint size, hard rubber	1.00
Zadorax	31575	1-pint size, hard rubber	2.00
Zadoray	31576	1 quart size, hard rubber	3.00
Zadoraz	31577	1 quart size, glass	1.20

No. 31582.

BATTERY BRUSHES.

			Per Doz.
Zadore	31578	2 rows	2.50
Zadoreb	31579	3 rows	5.00
Zadorec	31580	4 rows	6.50



No. 49372.

HYDROMETER.

			Each.
Zadored	31581	Battery	1.50
Zadoref	31582	Storage battery	2.00

BATTERY KNIFE.

Zadoreg	31583	Battery knife	2.50

RUBBERS FOR PENCIL ZINC.

Zadoreh	31584		.02

PORCELAIN BATTERY BUSHINGS.

Zadorek	31585		.03

No. 49373.

SAL-AMMONIAC.

Imported. Over 90 per cent pure.

Zabebes	49372	Per pound	.20
Zadorel	31586	Per package	.10

BLUE VITRIOL.

Zabebet	49373	Per pound	.18

BICHROMATE OF POTASH.

Zadorem	31587	Per pound	.25

DEPOLARIZING COMPOUND.

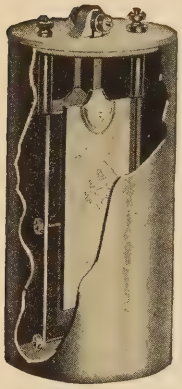
Zadoren	31588	Per pound	.20

No. 24065.

BATTERY COPPERS.

Zacipik	24065	For 5x7 jar	.14
Zacipil	24066	For 6x8 jar	.14

EDISON PRIMARY BATTERIES.



No. 4311.

TYPE "S" CELL.

For Fan Motors and Small Power Motors, Wireless Telegraph Coils, Private Branch Telephone Switchboards, and Small Common Battery Telephone Exchanges.

Capacity, 300 Ampere Hours.

Code Word.	List No.		List Price Each.
Zacawaz	4311	Complete Cell, with Porcelain Jar	$3.00

Price of Renewal Parts.

Zacawe	4312	2 Zinc Plates (capacity, 1 charge), 25c. each	.50
Zacaweb	4313	2 Copper Oxide Plates (capacity, 1 charge), 31c. each	.62
Zacawec	4314	1 Can Caustic Soda (capacity, 1 charge).	.28
Zacawed	4315	Bottle Special Battery Oil (1 charge)	.06
Zacawef	4316	Complete renewal	1.46

Size, over all, 5¾x13 in.; Jar only, 5½x11 in.

No. 4317.

TYPE "SS" CELL.

For Railway Semaphore Signals.

Capacity, 300 Ampere Hours.

Zacaweg	4317	Complete Cell, with Porcelain Jar	3.25

Price of Renewal Parts.

Zacaweh	4318	2 Zinc Plates (capacity, 1 charge), 25c. each	.50
Zacawek	4319	2 Copper Oxide Plates (capacity, 1 charge), 31c. each	.62
Zacawel	4320	1 Can Caustic Soda (capacity, 1 charge).	.28
Zacawem	4321	Bottle Special Battery Oil (1 charge)	.06
Zacawen	4322	Complete renewal	1.46

Size, over all, 6¾x12¾ in.; Jar only, 6½x10¾ in.

PERMANENT PARTS OF EDISON PRIMARY BATTERIES.

Zacawer	16802	Porcelain Jars, Type "BB"	.35
Zacawes	16803	Porcelain Jars, Type "Q" and "V"	.40
Zacawet	16804	Porcelain Jars, Type "S," "RR" and "AA"	.65
Zacawew	16806	Porcelain Jars, Type "SS"	1.00
Zacawex	16807	Porcelain Jars, Type "W"	1.65
Zacawey	16808	Steel Enameled Jar, Type "AA"	1.00
Zacawez	16809	Steel Enameled Jar, Type "V"	.80
Zacawi	16810	Steel Enameeld Jar, Type "Z"	.60
Zacawib	16811	Porcelain Covers, Type "Z" and "BB"	.25
Zacawic	16812	Porcelain Covers, Type "Q," "S," "V" and "W"	.35
Zacawid	16813	Porcelain Covers, Type "SS"	.40
Zacawif	16814	Porcelain Covers, Type "AA" and "RR"	.45
Zacawig	16815	Copper Frames with Bolts, Type "Z" and "BB"	.30
Zacawih	16816	Copper Frames with Bolts, Type "Q" and "V"	.35
Zacawik	16817	Copper Frames with Bolts, Type "RR" and "AA"	.40
Zacawil	16818	Copper Frames with Bolts, Type "S" and "SS"	.45
Zacawim	16819	Copper Frames and Bolts, Type "W"	.45
Zacawin	16820	Copper Bolts and Nuts only, all sizes	.10
Zacawip	16821	Hard Rubber Insulators for Copper Frames, all sizes	.05
Zacawir	16822	Long Brass Bolts and Nuts for Zincs, all sizes	.10
Zacawis	16823	Wire Connections, all sizes	.05
Zacawiv	16825	Soft Rubber Gasket Rings, "V" and "Z"	.12
Zacawiw	16826	Soft Rubber Gasket Rings, "AA"	.15
Zacawiz	16829	Thumb Nuts, all sizes	.05
Zacawoc	16832	Leather Washers for Copper Frames, per dozen	.10

EDISON PRIMARY BATTERIES.

TYPE "Z" CELL.

For Traction and Portable Gasoline Engines. Liquid-Tight Steel Enameled Jar.

No. 4329.

Capacity, 100 Ampere Hours.

Code Word.	List No.		List Price Each.
Zacawa	4329	Complete Cell	$2.00
		Price of Renewal Parts.	
Zacawab	4330	1 Copper Oxide Plate (capacity, 1 charge)	.24
Zacawac	4331	1 Zinc Plate (capacity, 1 charge)	.23
Zacawad	4332	1 Can Caustic Soda (capacity, 1 charge)	.15
Zacawaf	4333	Bottle Special Battery Oil (1 charge)	.05
Zacawag	4334	Complete renewal	.72

Size, over all, 4½x6¾ in.; Jar only, 4¼x6 in.

The Type BB, rather than Type Z, should be used on launches plying in salt water, as the enameled steel jars are liable to chip and corrode on account of atmospheric conditions.

TYPE "V" CELL.

For Motor Boats, Portable, Traction and Stationary Gas and Gasoline Engines, Etc.

No. 4335.

Capacity, 150 Ampere Hours.

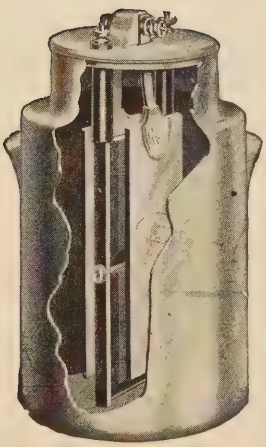
Zacawah	4335	Complete Cell, with Liquid-Tight Steel Enameeld Jar	2.50
Zacawak	4336	Complete Cell, with Porcelain Jar	2.20
		Price of Renewal Parts.	
Zacawal	4337	1 Copper Oxide Plate (capacity, 1 charge)	.31
Zacawam	4338	1 Zinc Plate (capacity, 1 charge)	.35
Zacawan	4339	1 Can Caustic Soda (capacity, 1 charge)	.17
Zacawap	4340	Bottle Special Battery Oil (1 charge)	.06
Zacawar	4341	Complete renewal	.89

Size, over all, 5¾x8 in.; Jar only, 5x7 in.

For launches running in salt water, it is advisable to use Type "V" cells with porcelain jars, as the action of the salt water causes the enamel on the steel jars to chip, and corrodes the steel shell.

TYPE "W" CELL.

For Dental Motors, Fan Motors and Small Power Motors for All Purposes, Cantery Work, Wireless Telegraph Coils, Private Branch Telephone Switchboards, and Small Common Battery Telephone Exchanges.



No. 4328.

Capacity, 600 Ampere Hours.

Zacawas	4323	Complete Cell, with Porcelain Jar	4.85
		Price of Renewal Parts.	
Zacawat	4324	2 Zinc Plates (capacity, 1 charge), 41c. each	.82
Zacawav	4325	2 Copper Oxide Plates (capacity, 1 charge), 55c. each	1.10
Zacawaw	4326	Can Caustic Soda (capacity, 1 ch'ge)	.52
Zacawax	4327	Bottle Special Battery Oil (1 charge)	.08
Zacaway	4328	Compelte renewal	2.—

Size, over all, 7½x15 in.; Jar only, 7½x13½ in.

EDISON PRIMARY BATTERIES.

No. 4293.

TYPE "BB" CELL.

For Small Gas and Gasoline Engines, Intercommunicating Telephones, Annunciators, Bells, Etc.

Capacity, 100 Ampere Hours.

Code Word.	List No.		List Price Each.
Zacavov	4293	Complete Cell, with Porcelain Jar.....	$1.50
		Price of Renewal Parts.	
Zacavow	4294	1 Copper Oxide Plate (capacity, 1 charge)	.24
Zacavox	4295	1 Zinc Plate (capacity, 1 charge).....	.28
Zacavoy	4296	1 Can Caustic Soda (capacity, 1 charge)..	.15
Zacavoz	4297	Bottle Special Battery Oil (1 charge).....	.05
Zacavu	4298	Complete renewal.....	.72

Size, over all, 4½x7¾ in.; Jar only, 4¼x7 in.

No. 4299.

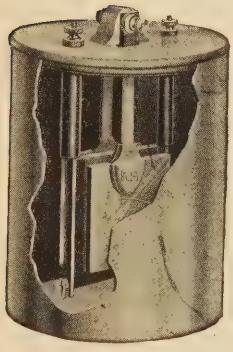
TYPE "Q" CELL.

For Stationary Gas and Gasoline Engines, Intercommunicating Telephones, Annunciators, Bells, Etc.

Capacity, 150 Ampere Hours.

Zacavub	4299	Complete Cell, with Porcelain Jar.....	2.20
		Price of Renewal Parts.	
Zacavuc	4300	2 Zinc Plates (capacity, 1 charge), 14c. each	.28
Zacavud	4301	1 Copper Oxide Plate (capacity, 1 charge)	.31
Zacavuf	4302	1 Can Caustic Soda (capacity 1 charge)..	.17
Zacavug	4303	Bottle Special Battery Oil (1 charge)....	.06
Zacavuh	4304	Complete renewal.....	.82

Size, over all, 5¾x8¾ in.; Jar only, 5½x7¼ in.



No. 4305.

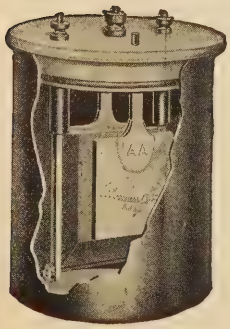
TYPE "RR" CELL.

For Stationary Gas and Gasoline Engines, Railway Crossing Bells, Fire Alarm, Mine Signals, Private Branch Exchange Telephone Switchboards and Small Common Battery Telephone Exchanges.

Capacity, 300 Ampere Hours.

Zacavuk	4305	Complete Cell, with Porcelain Jar.....	2.90
		Price of Renewal Parts.	
Zacavul	4306	2 Zinc Plates (capacity, 1 charge), 25c. each	.50
Zacavum	4307	1 Copper Oxide Plate (capacity, 1 charge)	.55
Zacavun	4308	1 Can Caustic Soda (1 charge).....	.28
Zacavup	4309	Bottle Special Battery Oil (1 charge)....	.07
Zacavur	4310	Complete renewal.....	1.40

Size, over all, 7¼x10½ in.; Jar only, 7⅛x8¾ in.



No. 4342.

TYPE "AA" CELL.

For Traction and Portable Gasoline Engines.

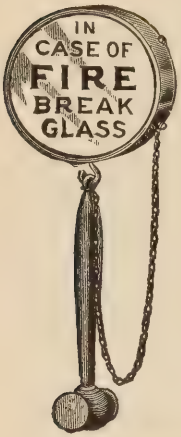
Capacity, 300 Ampere Hours.

Zacavus	4342	Complete Cell, with Liquid-Tight Steel Enameled Jar.....	3.50
Zacavut	4343	Complete Cell, with Porcelain Jar.....	2.90
		Price of Renewal Parts.	
Zacavuv	4344	1 Copper Oxide Plate (capacity, 1 charge)	.55
Zacavuw	4345	1 Zinc Plate (capacity, 1 charge).....	.55
Zacavux	4346	1 Can Caustic Soda (1 charge).....	.28
Zacavuy	4347	Bottle Special Battery Oil (1 charge)....	.07
Zacavuz	4348	Complete renewal.....	1.45

Size, over all, 7¼x10 in.; Jar only, 6½x8½ in.

For launches running in salt water, it is advisable to use cells with porcelain jars, as the action of salt water causes the enamel on the steel jars to chip, and corrodes the steel shell.

FIRE ALARM APPARATUS.

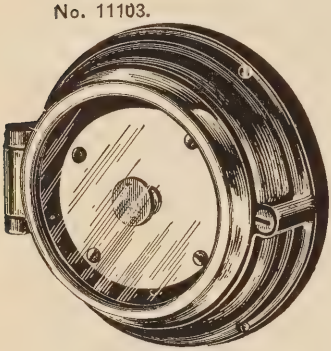


No. 11103.

STYLE "A" FIRE ALARM BOX.

This device is used in hotels and factories to give notice in case of fire. All that is necessary is to break the glass with the hammer. The contact spring, which is held in place by the glass, is then released, closing the circuit and immediately giving the signal at some central point. The case of the box is of brass, nickel plated; the hammer is solid iron, and steel jack chain is used to attach hammer to the box.

Code Word.	List No.		List Price. Each.
Zabovuh	11103	Box only	$0.75
Zabovuk	11104	Hammer	.25



No. 11105.

STYLE "C" TEST BOX.

This style of box has many advantages over other methods of fire alarm. In case of fire break the glass and push the button. This insures an effective alarm. Neatly mounted and compact.

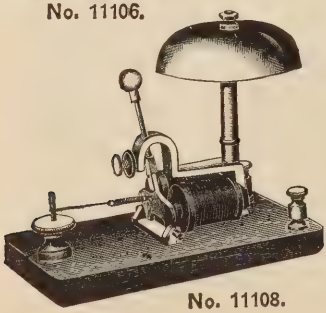
Zabovul	11105		2.50

No. 11106.

STYLE "B" FIRE ALARM BOX.

This Fire Alarm Box has a well finished iron case, and is fitted with a strong spring. Its use is applicable for private or small fire alarm systems and in signal systems. For outside use this box is enclosed in a larger or so-termed "street box," which is furnished with a Yale lock.

Zabovum	11106	Box only	7.00
Zabovun	11107	Box and outside box	16.00



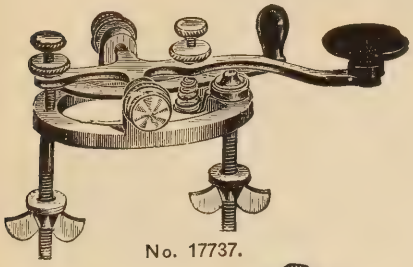
No. 11108.

DISTRICT CALL BELL.

New design. Special improvements. The best district signal bell made. Mounted on a polished mahogany base.

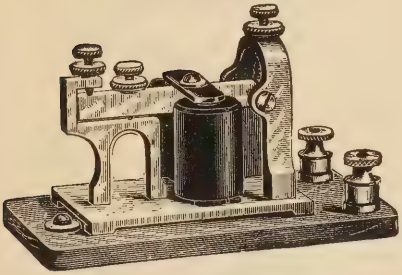
Zabovup	11108	3-inch	2.50
Zabovur	11109	6-inch	3.00

TELEGRAPH INSTRUMENTS.



No. 17737.

No. 17738.



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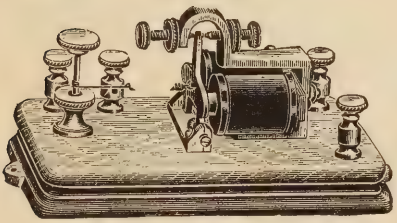

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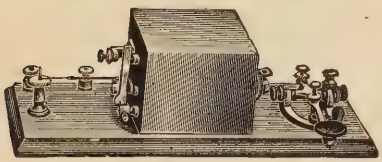

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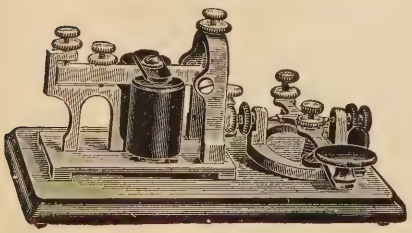


No. 18484.

STEEL LEVER KEYS.

LEG PATTERN.

Code Word.	List No.		List Price Each.
Zapob	17737	Brass, with N.-P. lever	$1.75

LEGLESS PATTERN.

Zapod	17738	Brass, with N.-P. lever	2.25

STANDARD SOUNDER.

Either Aluminum or Brass Lever Furnished.

Proportions scientifically correct. One cell of Crowfoot Battery will operate it, producing a sound louder and clearer than any other sounder with two cells of battery.

Thousands of these Sounders are in use by the Postal and Western Union Telegraph companies.

Zapof	17739	Wound to 5 ohms....	2.80
Zapog	17740	Wound to 20 ohms...	3.20

STANDARD PONY RELAY.

Its use will enable work on lines up to 20 miles, with perfect ease, in cases where main line sounders fail to give satisfaction. Requires less battery to operate it than does any main line sounder of like resistance.

Zapoh	17741	20 ohms, for 1 to 20 miles	3.00
Zeba	18481	50 ohms, for 20 to 40 miles	3.50

BOX-SOUNDING RELAY.

The Box Relay is designed to combine all the advantages to be obtained by the use of a relay, and at the same time dispense with the usual local sounder and local battery, but it is arranged so that local sounder and battery can be connected if desired.

Zebab	18482	150 ohms, with key....	7.00
Zebad	18483	150 ohms, without key	5.00

LEARNER'S COMBINATION SET.

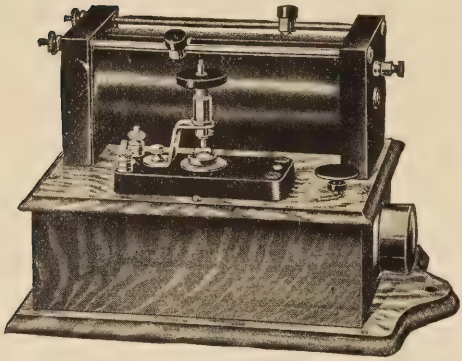
Finely finished, with rubber-covered coils, mounted on polished mahogany base, with our regular Steel Lever Key, making the neatest and most perfect Set of Short Line Instruments ever produced.

A book of instructions for amateurs is furnished with each instrument.

Zebaf	18484	Wound to 4 ohms....	5.00
Zebag	18485	Wound to 20 ohms....	5.00

WIRELESS APPARATUS.

FOR EXPERIMENTAL PURPOSES.



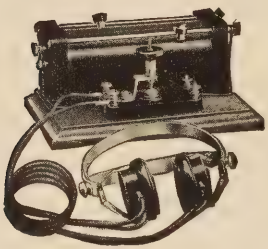
No. 1.

RECEIVING SETS.

Without Head Receivers.

No. 1.—Consists of A M tuning coil, detector condenser, test key and buzzer—these parts are mounted on a quartered oak box.

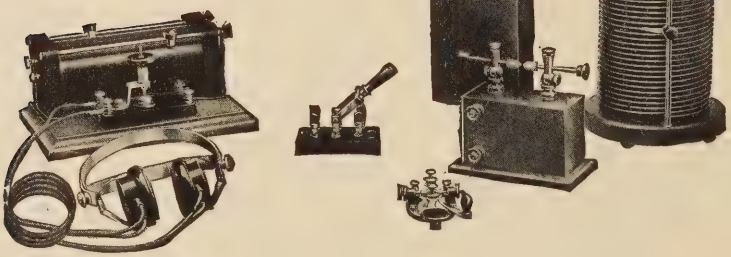
No. 2.—Consists of A M tuning coil, detector condenser and is mounted on a mahogany base.



No. 2.

Code Word.	List No.	Mfr. No.	List Price Each.
Zagahew	42489	1.....	$15.00
Zagahex	42490	2.....	12.00

TRANSMITTING AND RECEIVING SETS COMPLETE.



Our 15-20 set, same as above apparatus with a 50 watt spark coil.

Zagahey 42491 ..... 67.50

Our 3-5 set consists of 15 watt spark coil with spark gap, helix, condenser, key and knife switch for the transmitting apparatus, and our double slide A M tuning coil, A M detector condenser and 2000 ohm double A M head receivers for the receiving instruments. The receiving set is mounted on a mahogany base.

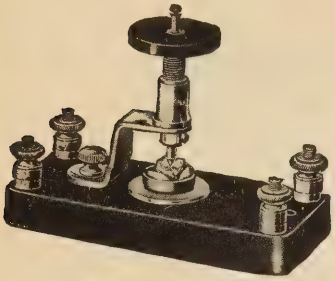
Zagahez 42492 ..... 45.00

Our 6-10 set, same as above apparatus with a 25 watt spark coil.

Zagahi 42493 ..... 52.50

Note. In designating these sets by numbers, as 3-5 set, etc., we have given the sending distance over land and water, respectively.

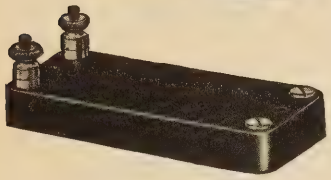
WIRELESS APPARATUS.



DETECTOR CONDENSERS.

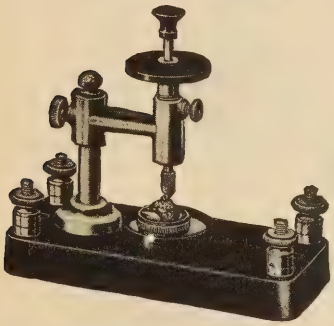
STYLE "AM."

Code Word.	List No.		List Price Each.
Zagagus	43276	Detector Condenser	$5.25
Zagagut	43277	Detector, only	4.50



STYLE "AM."

Zagaguv	43278	Condenser	1.50



STYLE "PRO."

Zagaguw	43279	Detector Condenser	8.25
Zagagux	43280	Detector, only	7.50

HEAD RECEIVERS—TWO STYLES—ALL RESISTANCES.

STYLE "AM."

Code Word.	List No.	Single. Ohms.	Single. Complete.	Receiver Only.	Double. Ohms.	Double. Complete
Zagaguy	43281	100	$2.70	$1.50	200	$4.50
Zagaguz	43282	500	3.20	2.00	1000	5.50
Zagaha	43283	750	3.70	2.50	1500	6.50
Zagahab	43284	1000	4.20	3.00	2000	7.50
Zagahac	43285	1500	4.70	3.50	3000	8.50

Style "Am."

STYLE "PRO."

Zagahad	43286	100	4.50	2.50	200	7.00
Zagahaf	43287	500	5.50	3.50	1000	9.00
Zagahag	43288	750	6.00	4.00	2000	10.00
Zagahah	43289	1000	6.50	4.50	2000	11.00
Zagahak	43290	1500	7.00	5.00	3000	12.00
Zagahal	43291	2000	7.50	5.50	4000	13.00
Zagaham	43292	2500	8.00	6.00	5000	14.00
Zagahan	43293	3000	8.50	6.50	6000	15.00

Style "Pro."

K. & D. PRODUCTS.

REX MOTOR.

No. 22486.

Neat in design and well made—a great favorite with the boys. Runs efficiently on one cell, dry or other battery. Finished in black enamel; screws and other trimmings nickel plated. Polished wood base. The Rex motor is packed in a neat box, size 3 in. x 3½ in. x 3½ in., properly labeled. Weight about 12 ounces.

Code Word.	List No.	Mfr. No.		List Price Each.
Zabonas	**22486**	37		**$1.00**

REX MOTOR, WITH SWITCH.

No. 22487.

Like the plain motor, except that it has a neat switch on the base; it may be started and stopped without disconnecting wires. Finished in black enamel, trimmings nickel plated. Polished wood base. Runs efficiently on a single cell, dry or other battery. Packed in a neat box, size 3 in. x 3½ in. x 3½ in., properly labeled. Weight about 12½ ounces.

Zabonet	**22487**	38		**1.25**

AJAX MOTOR.

A high grade toy motor. Well and substantially made; same as No. 42, but without switch. Finished in black enamel, nickel plated trimmings. Mounted on polished wood base. The Ajax motor runs efficiently on a single cell, dry or other battery. Weighs about 1 lb., and occupies a space 3 in. x 3¼ in. x 4 in.

Zacofub	**25016**	39		**1.50**

AJAX MOTOR, WITH SWITCH.

No. 25017.

A high grade toy motor. Well and substantially made. Finished in black enamel, nickel plated trimmings. Mounted on polished wood base, with neat switch. This enables the operator to start and stop the motor without disconnecting wires. The Ajax runs efficiently on one cell, dry or other battery. Weighs about 1 lb., and occupies a space 3 in. x 3¼ in. x 4 in.

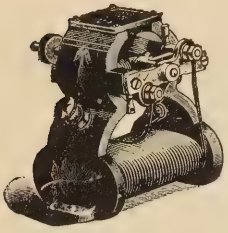
Zacofuc	**25017**	42		**1.75**

AJAX PARTS FOR AMATEURS.

Very popular; with the directions which accompany each set, any ingenious boy can produce a complete Ajax motor. The parts are of standard finish and are ready to wind and assemble.

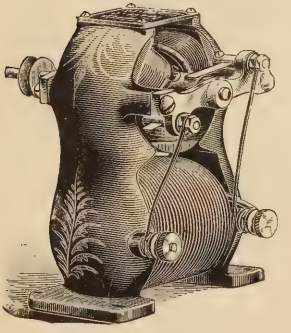
Zacofud	**25018**	43		**1.25**

K. & D. PRODUCTS.



No. 22488.

No. 22492.



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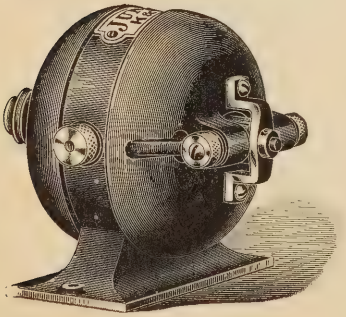


No. 22498.

STANDARD MOTOR. No. 1.

This motor is designed to run on a single cell, although two may be used if desired. If two are used, they should be connected in series. The motor develops sufficient power to propel mechanical toys, advertising devices, etc. Finished in black enamel, nickel plated trimmings. Weighs about 1½ lbs.; occupies a space 3½ in. square. Speed, with average load, about 2200 R. P. M.

Code Word	List No.	Mfr. No.		List Price Each.
Zabonav	22488	1	.....	$3.00
Zabonaw	22489	1	Wound to run in series with lamp. 110 v., d. c.	3.50

STANDARD MOTOR. No. 2.

Built on the lines of No. 1 Standard, but larger and heavier with corresponding increase in efficiency. Designed to operate on a two or three cell battery. Finished in black enamel, brass trimmings. Weighs about 2¾ lbs.; occupies space 4 in. square. Runs at about 2800 R. P. M. with average load, on a current of 4 volts, 2 amperes.

Zabonax	22490	2	.....	5.00
Zabonay	22491	2	Wound to run in series with lamp. 110 v., d. c.	5.75

STANDARD MOTOR. No. 3.

This motor is suitable for operating small mechanical devices. It runs at about 1800 R. P. M. with average load, on a current of 6 volts, 1.6 amperes. It will swing an 8-in. fan. Finished in black enamel, brass trimmings. Weighs about 6½ lbs.; occupies space 5½ in. x 4 in. x 5½ in.

Zabonaz	22492	3	.....	8.00
Zabone	22493	3	Wound to run in series with lamp. 110 v., d. c.	9.00

STANDARD MOTOR. No. 4.

Same type as No. 3, but larger and more powerful, with corresponding increase in efficiency. Will swing an 8-in. fan. Finished in black enamel, brass trimmings. Weighs about 8 lbs.; space occupied, 6 in. x 4½ in. x 6 in. Runs at about 1800 R. P. M. with average load, on a current of 6 volts, 1.6 amperes.

Zaboneb	22494	4	.....	9.00
Zabonec	22495	4	Wound to run in series with lamp. 110 v., d. c.	10.50

STANDARD MOTOR. No. 6.

A powerful motor occupying small space. Finished in black enamel, brass trimmings. Armature shaft is 3½ in. long. Weight about 3½ lbs.; space occupied, 3½ in. x 3½ in. x 4⅜ in. Runs at about 2400 R. P. M. with average load, on a current of 6 volts, 2 amperes.

Zaboned	22496	6	.....	6.00
Zabonef	22497	6	Wound to run in series with lamp. 110 v., d. c.	6.75

JUNO MOTOR. No. 17.

This is a particularly well designed motor, of the enclosed type. The field magnet is cast in one piece of special metal. The field coils are form wound and taped. Iron-clad, drum armature, laminated. Steel shaft with two-groove pulley. The commutator is easily accessible from the outside, for cleaning or any purpose; the segments are of hard copper, insulated with mica, just as it is done in large machines. The brushes are woven wire, of the radial type—self-adjusting.

Powerful enough to operate signs, musical boxes, slot machines, etc. Finished in black enamel, nickel trimmings. Standard winding for battery current, 4 volts, 1.5 amperes. Runs at about 2000 R. P. M. on average load. Weighs about 2 lbs.; space occupied, 3½ in. x 3½ in. x 3½ in.

Zaboneg	22498	17	.....	5.00
Zaboneh	22499	17	Wound to run in series with lamp. 110 v., d. c.	6.50

K. & D. PRODUCTS.

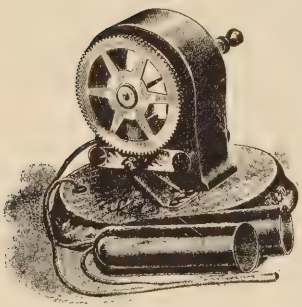
No. 39286.

ELECTRIC TOP.

Will run at high speed for hours. Four color disks are furnished. When one is applied and the top is in motion, a slight pressure of the finger on the edge of the disk, or on the wooden handle, produces most beautiful color effects—interesting and instructive to both old and young. When the top is at rest, the current is automatically shut off—no danger to the battery.

It may be used equally well as a motor, and small mechanical toys may be operated by a belt from the grooved pulley on shaft. Runs efficiently on one cell, dry or other battery. Finished in red enamel, polished nickel trimmings. Full directions with each Top.

Code Word.	List No.	Mfr. No.	List Price Each.
Zafikaf	39286	16	$0.75

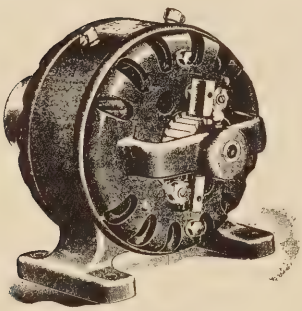


No. 39287.

"TESLA" MAGNETO ELECTRIC MACHINE.

Operated by crank; wheel and pinion have cut teeth, insuring smooth action. Substantial brass bearings. Well made throughout. Finished in red enamel, nickel trimmings. Polished wood base, with neat bushings for flexible conducting cords. New and neat design—the best in this class.

Zafikag	39287	30	1.00



No. 39288.

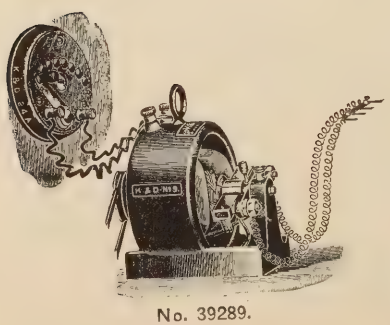
CHARGING DYNAMO.

R. P. M., 2000; Volts, 20; Amperes, 4; Watts, 80.

This machine was designed for charging storage batteries; it is highly efficient and practical, possessing every feature that could well be desired. The field is of the ring type, bi-polar, with coils form wound, thoroughly taped and shellacked. The armature is of the drum type, slot wound, built up of best quality charcoal iron disks; perfectly balanced. The commutator segments are of hard copper, carefully insulated with mica. Brushes are of woven wire, with holders of the radial type, of new design, securing perfect adjustment. An ingenious and efficient arrangement is provided by which the pressure of the brushes may be varied; the brushes may be removed without disturbing the adjustment. The machine is perfectly ventilated and does not heat. Self-oiling bronze bearings. Weight, 23 lbs. Finely finished in black enamel.

We furnish this machine wound as a plating dynamo, 2 volts, 30 amperes. Also wound as a motor for 110 volts, direct current, at the same price.

Zafikah	39288	12	25.00



No. 39289.

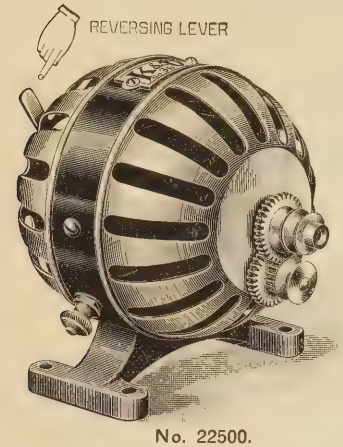
PLATING DYNAMO.

For electro plating, the dynamo has many advantages over primary batteries. Noxious fumes, renewal of elements, etc., are dispensed with when we use the dynamo. The current is under perfect control, and is ready at all times. This machine is wound especially for electro plating, and meets the requirements admirably. To regulate the current flowing through the solution, a suitable rheostat must be used. Our No. 24A rheostat was designed for this and serves the purpose perfectly. This dynamo has same frame and fields as used in Motor No. 5. The armature is of the drum type, slot wound, laminated, the best charcoal iron being used for the disks. Commutator segments of hard copper, carefully insulated with mica. The brush holders are radial, mounted on an adjustable yoke. The brushes are of woven wire, self-adjusting and do not spark. The bearings are of hard bronze, nicely fitted with neat, dust proof, oil cups. Workmanship and finish throughout the best. Furnished with 1½ in. grooved or flat pulley, as desired.

At speed of 2200 R. P. M. it generates a current of 2 volts, 6 amperes. Finished in black enamel. It may be wound to increase the amperes up to 15.

Zafikak	39289	19	Dynamo only 8.00
Zafikal	39290	24A	Rheostat only 1.00

K. & D. PRODUCTS.



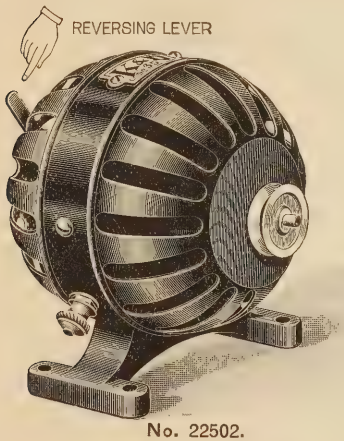
No. 22500.

MOTOR. No. 36.
With Starting, Stopping and Reversing Switch, and Speed Reduction Gearing.

A high grade small motor, with starting, stopping and reversing switch. Also by a simple arrangement of gears, two reductions of speed are obtained, making three speeds in all. To make this still plainer: We have the speed of the pulley turning with the armature shaft itself, another pulley of the same size turning one half as fast, and still another turning one quarter as fast. The gears giving these reductions are cut from solid metal and run smoothly. Electrically and mechanically the motor is well designed. The field pieces are of the best wrought metal. The armature is of the best charcoal iron, laminated, slot wound, perfectly balanced. The commutator has extra heavy, hard copper segments, carefully insulated with Mica in the same durable manner as is done in large machines. The K. & D. dependable brushes are used.

This motor is wound for battery current only. It runs to full efficiency on two or three dry, or other cells of similar capacity. The number required necessarily varies with the kind and quality. The Reversing and Reducing Speed features of this motor make it particularly desirable for propelling models, etc. Weight, about 1 lb. Stands 3¼ in. high. Finished in black enamel, nickeled trimmings. If desired we can furnish these motors with the perforated End Covers nickeled instead of enameled; this is the finish shown in the illustration. We send the Enamel unless otherwise ordered.

Code Word.	List No.	Mfr. No.		List Price Each.
Zabonek	22500	36	.....	$3.50



No. 22502.

MOTOR. No. 34.

This is the No. 36 Motor without switch, reducing gears, or end covers. In this form it affords a very light motor for the power it is capable of developing. Finished in black enamel and nickel. Weight, about 14 ounces.

Zabonel 22501 34 ..... 1.75

MOTOR. No. 35.
With Starting, Stopping and Reversing Switch.

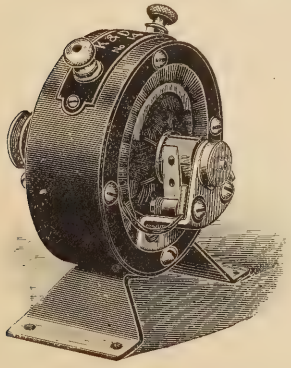
This is the No. 36 without the reducing gears. This will meet the requirements of those who desire a high grade reversible motor, but do not need the reduction gearing. Like No. 36, it is wound for battery current only, and runs to full efficiency on two or three good dry, or other cells of similar capacity. Cells vary so much in current producing capacity that the number required must necessarily vary with the kind and quality. Finished in black enamel, nickeled trimmings. Furnished with perforated end covers, nickeled instead of enameled if desired. Enameled end covers sent unless otherwise specified. Stands 3¼ in. high. Weight, about 15 ounces.

Zabonem 22502 35 ..... 3.00

MOTOR. No. 35A.

Same as No. 35, but without switch.

Zabonen 22503 35A 2.25



No. 22504.

MOTOR. No. 14.

No cast iron is used in the construction of this machine. Best charcoal iron fields, with annular field coil carefully taped and shellacked. Laminated armature, Slot Wound. Steel shaft with adequate bearings, so constructed as to always remain in perfect alignment. The bearings are self-lubricating and have neat dust-proof covers.

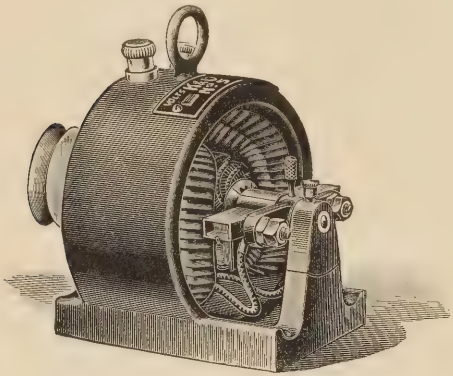
The commutator segments are of hard copper, insulated with mica, as carefully as is done in large machines—a distinctive feature of K. & D. high grade small motors. K. & D. dependable self-adjusting brushes. Grooved brass pulley, ⅝ in. in diameter—it runs true. This machine stands about 3⅜ in. high, and weighs 18 ounces. Finished in black enamel, brass trimmings. A powerful small motor.

Zabonep	22504	14	Regularly wound as a battery motor	2.50
Zabonet	22506	14	Specially wound to run in series with 16 c. p. lamp, 110 volt direct current	3.00

K. & D. PRODUCTS.

MOTOR. No. 5.

This machine is designed for actual work. It is designed on the lines of large machines, and is constructed with care in every detail. The field is of the ring type, cast solid with the frame; coils are form wound. The armature is of the drum type, having six sections; it is laminated, best charcoal iron being used for the disks. The commutator segments are of hard copper, carefully insulated with mica. The brush holders are of the radial type on an adjustable yoke. The brushes are of woven wire and are self-adjusting. This motor is NOT adapted to alternating current.



No. 27457.

Finished in black enamel. Speed 1800 R. P. M. on a current of 6 volts, 2 amperes, with average load. Weight, 9 lbs. Length of shaft, 6 in.; diameter, ¼ in. Grooved pulley, 1½ in. diameter. Flat face pulley, ¾ in. wide, instead of grooved, if desired.

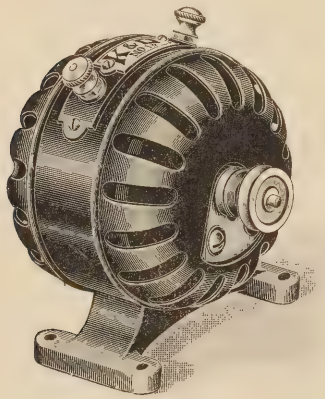
Special winding to order. Prices quoted on application.

Code Word.	List No.	Mfr. No.	List Price Each.
Zadamun	27457	5	.....$8.00

DYNAMO. No. 9.

The same frame, field and other parts are used in this machine as in Motor No. 5, but it is shunt wound to obtain best results as a generator. It is particularly desirable for experimental purposes. It will light to full power twelve 6-volt, 3-candle power lamps. For electro-plating purposes it will operate a 5-gallon solution successfully.

The field is of the ring type, cast solid with the frame. The coils are form wound, carefully taped and shellacked; they are entirely safe from mechanical injury or breakdown. The armature is of the drum type, Laminated, Slot Wound—it does not heat. The commutator is of hard copper, carefully insulated with mica. The brush holders are of new design, of the radial type, mounted on an adjustable yoke. The brushes are woven wire, self-adjusting—they do not spark. The bearings are of hard bronze, nicely fitted; workmanship throughout the best. Finished in black enamel. Fitted with 1½ in. grooved or flat pulley, as desired. Length of shaft, 6 in. Weight, 9 lbs. Occupies space 6 in. x 4¾ in. x 6 in. At speed of 2200 R. P. M. the output is 36 watts (6 volts, 6 amperes). We can wind it to give different volts and amperes within its capacity. Two windings frequently called for are: 3 volts, 12 amperes; and 2½ volts, 15 amperes.



No. 27459.

Zadamup	27458	9	..... 8.00

MOTOR. No. 13.

This motor is built on the lines of large machines. It stands 3⅜ in. high, and weighs 20 ounces. With the exception of the base, no cast iron is used in its construction. The field is made of the best charcoal iron; annular field coil carefully taped and shellacked. The armature is laminated, slot wound. Self-lubricating bearings so constructed as to always be in perfect alignment, the cups having neat and efficient covers. Steel armature shaft with grooved brass pulley ⅝ in. in diameter. The commutator segments are of hard copper, carefully insulated with mica—a feature rarely found in small motors, except of our manufacture. Self-adjusting brushes. The machine is perfectly ventilated. Frame and base finished in Black Enamel—not paint. For its size and weight, this is the most powerful motor made. We confidently invite critical inspection.

Zadamur	27459	13	Regularly wound as a battery motor..... 3.50
Zadamus	27460	13	Specially wound to run in series with a 16 c. p. lamp, 110 volts direct current..... 4.50

K. & D. PRODUCTS.

No. 27039.

BATTERY RHEOSTAT AND SWITCH.

Polished wood base; polished nickel plated trimmings; hard rubber handles. Suitable for regulating miniature battery lamps, speed of small motors, etc. It has six steps or changes; the total resistance is 5 ohms.

Code Word.	List No.	Mfr. No.	List Price Each.
Zadagos	27039	24	$0.80

No. 27040.

RHEOSTAT AND SWITCH.

This rheostat was designed for use in connection with our No. 19 Plating Dynamo, to regulate the current flowing through the plating solution. It may, however, be used for any purpose within its capacity. It has six steps or changes; the total resistance is about 4 ohms.

Zadagot	040	24A	1.00

No. 27041.

IMPROVED RHEOSTAT AND SWITCH.

Resistance, 10 Ohms; Continuous Capacity, 2 Amperes.

Suitable for regulating miniature lamps, the speed of small motors, and a great variety of service which it would be impossible to mention. Owing to the peculiar construction of this rheostat, the change of resistance takes place very gradually on movement of the lever; and not by sudden jumps, as in the ordinary construction. The resistance coil has approximately 160 convolutions, and as the rate of change in the resistance on movement of the lever is by single convolutions it will be seen to admit of very fine adjustment. The resistance coil may be entirely cut out without opening the circuit. The coil is made of a special high resistance wire, which is very strong, and will not corrode; no soldered connections with the resistance coil. The coil is air-cooled, and works on our maximum rated capacity at a remarkably low temperature.

Experimenters, dentists, surgeons, dermatologists, and all artisans and scientists, will find this a most satisfactory and efficient small rheostat and switch. The workmanship and finish is first class. Metal parts nickel plated. Hard rubber handles. Bases, seasoned wood, polished. Dimensions: 3¾ in. diameter; total thickness, including rubber handle, 1⅜ in.

Directions: When the lever rests on the button marked "out" the coil is cut out, but the circuit is unbroken. To introduce resistance: move the lever in the direction shown by arrow, and vice versa. When the lever rests on the button marked "off" the circuit is open.

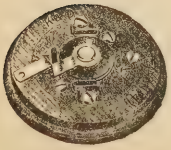
Zadagov	27041	23	.75

No. 27042.

REVERSING SWITCH.

This is a new and neat little switch. It is suitable for use as a pole-changing switch in any position where the current to be carried does not exceed 15 amperes. It is also suitable as a starting, stopping and reversing switch for small motors. The base is of hard fiber; the exposed metal parts are nickel plated. Size, 1¾ in. x 1¾ in. x ⅝ in. thick.

Zadagow	27042	40	.75



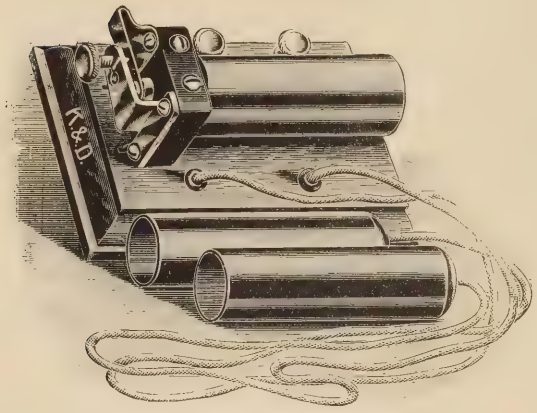
No. 26971.

REVERSING SWITCH.

This switch is of the same construction as above, except that it has no cover and is provided with a polished wood base. Of same efficiency as above. Size, 2⅛ in. diam.; ⅝ in. thick.

Zadagog	26971	41	.60

K. & D. PRODUCTS.



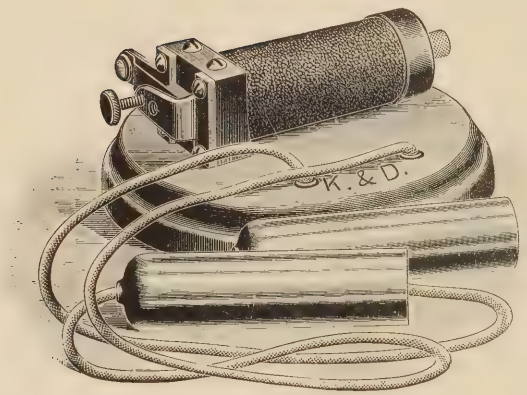
No. 25505.

HOUSEHOLD MEDICAL COIL.

This apparatus will work efficiently on one cell, dry or other battery. Gives a smooth, even current and has perfect regulation. Mounted on a polished wood base 2½ x 3¾ inches. Handles and other parts nickeled and highly polished. Full directions accompany each coil.

Code Word	List No.	Mfr. No.	List Price Each
Zaboner	25505	25	$0.90

Without Battery.



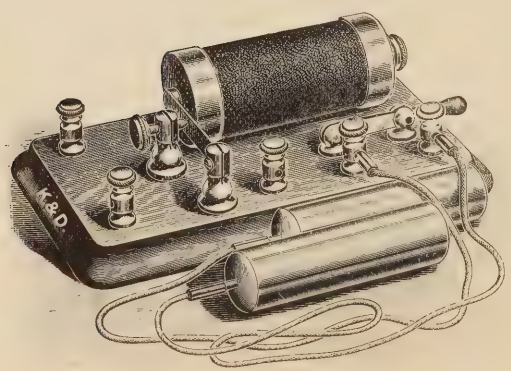
No. 25506.

HOUSEHOLD MEDICAL COIL.

This apparatus works efficiently on one cell, dry or other battery. The coil has perfect regulation; the current at the handles varying from imperceptible to all that can be borne. The coil and vibrator parts are very compactly built; the vibrator contacts are pure silver—thought by many superior to platinum. Mounted on a round polished base, with neat bushings for the passage of the conducting cords. Coil ends are finished in polished black enamel. All metal parts nickel plated. Well made throughout.

Zabones	25506	26	1.00

Without Battery.



No. 25507.

HOUSEHOLD MEDICAL COIL.

This is the very best coil of this type made. It is mounted on a polished wood base, and is beautifully finished throughout. The coil ends and all metal trimmings are highly polished and nickel plated. The vibrator contacts are silver. Three different currents may be obtained: Primary, secondary, and the two combined; any of which may be further modified by drawing out the core shield.

Two colors of silk cord are used; the connections are made with an improved tip. The coil is provided with an efficient knife switch, a feature not usually found in coils of this type. Works efficiently on one cell, dry or other battery.

Each coil is packed in a neat hinged and clasped box, which serves excellently as a carrying case, when desired.

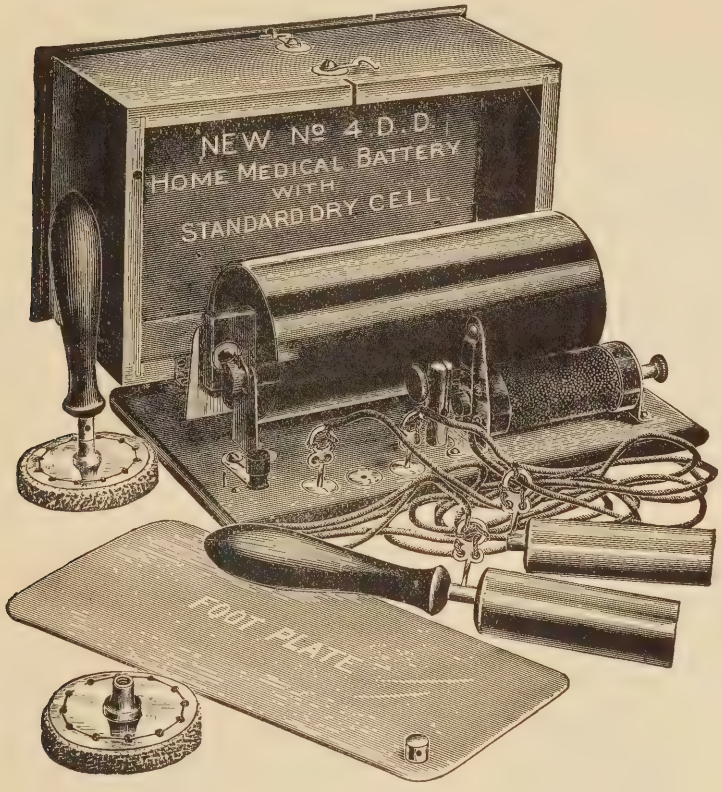
Zabonet	25507	28	2.50

Without Battery.

MEDICAL BATTERIES

THE NEW NO. 4, D. D., HOME MEDICAL APPARATUS.

The Unusually Complete and Excellent Set of Electrodes Furnished With This Instrument Makes It Very Convenient To Use With or Without Assistance.



Our Standard Dry Battery is used with this apparatus, and is a staple commercial article made only in one size and shape.

Code Word.	List No.		List Price Each.
Zacunen	8104	No. 4, D. D., Apparatus, with battery and Electrodes Complete	$10.00
Zacunep	8105	Extra Battery, per cell	.50
Zacuner	8106	Sponge Electrodes, with 2 handles, per pair	1.50
Zacunes	8107	Tube Hand Electrodes, with 1 handle, per pair	1.00
Zacunet	8108	Connecting Cords, 5 feet with tips, per pair	.60
Zacunev	8109	Foot plates, each	.65
Zacunew	8110	Hair Brush Electrodes (Extra), each	1.50
Zacunex	8111	Special Flexible Sponge Electrode, with binding strings attached (Extra), each	1.00

A copy of Wells' Electropathis Guide, giving full directions for treating over 100 diseases, is sent free of charge with each of these medical batteries.

Zacuney	8112	Extra Copies, each	.50

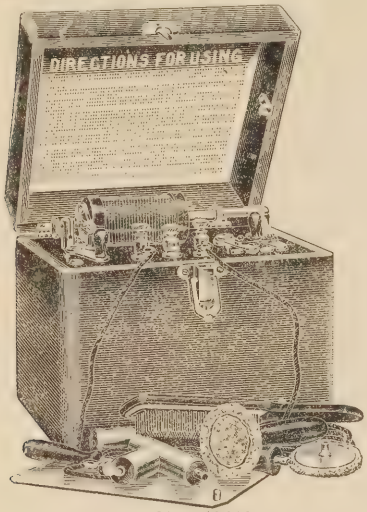
MEDICAL APPARATUS.

"APOLLO" MEDICAL APPARATUS.

The Apollo Medical Apparatus is designed to fulfill all the functions of the best grade of medical apparatus, both in appearance and efficiency.

The case is made of quartered oak, highly polished, size 8 inches high, 9 inches long, 7¼ inches wide, with heavy nickel-plated trimmings and handle.

The current interrupter embodies improvements not found in any other type of apparatus.



No. 19412.

The primary and secondary windings of the coil are proportioned to give the best possible results under all conditions. A condenser specially designed is used in conjunction with the coil, which adds materially to the efficiency of the apparatus. This condenser with the special-wound coil eliminates the sharp jerky pulsations of the current and transmits a smooth, steady and considerably intensified flow of electricity, a combination which therapeutic experts concede is of great value in the electro-medical treatment of diseases.

A pole changing switch is arranged to change the polarity flow of current without disconnecting or changing the electrodes.

Two cells of dry battery are furnished which in conjunction with a special current controller will produce a very light or a very heavy flow of current as desired.

An Electrode Compartment, easily accessible, is arranged under the coil base, in which are placed the following electrodes and accessories:

One nickel-plated foot plate electrode.
Two sponge electrodes.
One massage roller electrode.
One hair brush electrode.
Two nickel-plated hand electrodes.
Two enameled electrode handles.
Two silk-covered conducting coils.

Code Word.	List No.		List Price Each.
Zacezen	19412	Complete.....	$12.00

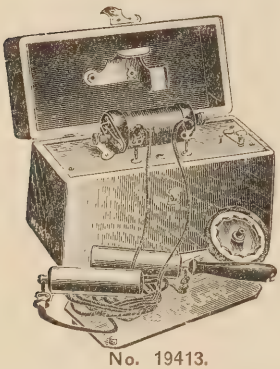
"HOUSEHOLD" MEDICAL APPARATUS.

This medical apparatus is without question the best outfit of its kind manufactured at the price. It is neat in appearance, compact and reliable.

The case is of highly polished oak with carrying handle nickel-plated and highly polished, as are all the other metal parts. Dimensions, 7⅝x5¼x3½ inches.

It is supplied with two nickel-plated Hand Electrodes, one Sponge Electrode, one Interchangeable Electrode Handle, one Foot Plate Electrode and one pair of green and red silk-covered medical battery cords.

The Electropathic Guide accompanying the outfit, gives the necessary information for home treatment.



No. 19413.

Zacezep 19413 ..... 4.00

GEM ELECTRIC MASSAGE VIBRATOR.

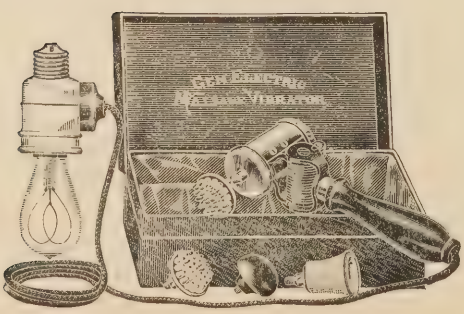
(Series Type.)

A practical electric massage vibrator at a moderate price.

A good and efficient vibrator in every way, so constructed that it can be used on direct current lighting circuits of 100 to 115 volts. Cannot be used on alternating current.

It is put up in a well-made leatheroid finished, cloth-lined box with four applicators, series current tap and 6 feet of covered conducting cord.

20 candle power lamp should be used with this outfit. The lamp is screwed in current tap as shown. The current tap screws into regular socket.



No. 19414.

Zacezer 19414 ..... 10.00

BATTERY TYPE.

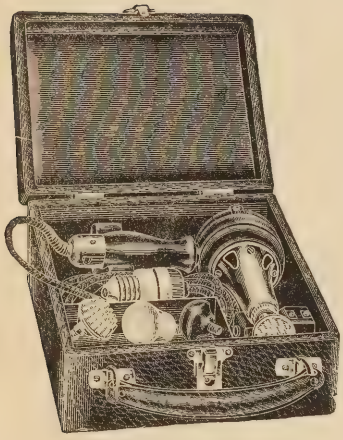
Similar in every way to the Series Type, except made to be operated by battery power.

Zacezes 19415 ..... 13.00

MASSAGE VIBRATORS.

"PREMIER ELECTRIC MASSAGE VIBRATORS.

For Direct or Alternating Circuits.



No. 9589.

This Vibrator will operate on direct currents of from 100 to 120 volts; and on alternating currents of 60 cycles, 100 to 120 volts. It is not adapted for use on alternating currents of frequencies higher than 60 cycles.

The Vibrator is handsomely finished in black enamel and highly polished nickel. A switch in the lower part of the handle, under immediate control of the operator, turns the current on or off at will. Practically noiseless and with a minimum of vibration in the handle. Furnished with six feet of flexible conducting cord and Separable Attachment Plug which will fit in any ordinary socket. Weight, stripped, 38 ounces.

Enclosed in a leather-covered, plush-lined carrying case, with leather handle and nickel-plated trimmings. Dimensions, 9¼x8¾x4¼ inches.

Five applicators are supplied with each otufit, cup, ball, hard toothed, soft toothed and spinal.

BATTERY TYPE.

This Vibrator is identical in every way to the regular Current Type, except that it is made to operate by battery power only.

The case measures 9¼x8x12 inches high and contains six dry cells which are connected to a socket plate having four holes, which are so arranged that four, five or six cells can be connected in circuit as desired.

Code Word.	List No.		List Price Each.
Zagafas	9589	Series Type.....	$25.00
Zagafat	9590	Battery Type.....	25.00
Zagafav	9591	Arranged for 220-250 V.	32.00

"RELIANCE" ELECTRIC MASSAGE VIBRATOR.

Series Type.

No. 22216.

This Vibrator will operate in series with a lamp on direct current circuits of from 104 to 250 volts. Not made for alternating current circuits.

The Vibrator is made of composition hard rubber which takes a very high finish. Handle of ebonized wood. All metal parts nickel-plated and highly polished.

It is supplied with six feet of flexible conducting cord and with Current Tap, which can be screwed into any lamp socket.

Besides the rapid vibratory movement, this vibrator has also a strong hammer stroke obtained by the insertion of the ball applicator shaft into the side receptacle. Weighs when stripped 36 ounces.

Enclosed in a leather-covered plush-lined carrying case with leather handle and polished nickel-plated trimmings. Dimensions, 8¾x6x3¾ inches.

Four applicators are supplied with each outfit, cup, ball, hard toothed and soft toothed.

BATTERY TYPE.

This Vibrator is identical in every particular to the Series Type, except that the motor is wound to operate by battery power only.

The case measures 9¼x8x12 inches high and contains six dry cells which are connected to a plate containing four socket holes, so arranged that four, five, or six batteries can be connected in circuit as desired by inserting the plug into the necessary sockets.

Zabohiv	22216	Battery Type.....	20.00
Zabohiw	22217	Series Type.....	20.00

"EVER READY" ELECTRIC FLASH LIGHTS.

The tubular flash lights are constructed with a view toward attractiveness and thorough reliability. Made in three sizes, 1½x8½, 1½x11 and 1½x13. Will give either flashes or permanent light. Operate from "Ever Ready" dry batteries, which insures long life and consistent service. Cases are made from the best materials obtainable. All metal parts of finely polished nickel. The "Ever Ready" tubular lights give a large circle of light. It is very important to order the lights by number.

COMET LIGHT.

No. 43324.

CONTINUOUS OR FLASH.

Metal Case, Enameled.

Code Word.	List No.	Mfr. No.		List Price, Each.
Zisat	43324	2524	1½ x 8½.....	$1.10

Metal Case, Cloth Covered.

Zisav	43325		Extra battery.....	.30
Zisaw	43326		Extra bulb.....	.35
Zisax	43327	2526	1½ x 8½.....	1.25

Leatherette.

Zisaz	43328		Extra battery.....	.30
Zise	43329		Extra bulb.....	.35
Ziseb	43330	2503	1½ x 8½.....	1.50
Zised	43331		Extra battery.....	.30
Zisef	43332		Extra bulb.....	.35
Ziseg	43333	2505	1½ x 11.....	2.00
Ziseh	43334		Extra battery.....	.30
Zisek	43335		Extra bulb.....	.35
Zisel	43336	2507	1½ x 13.....	2.50
Zisem	43337		Extra battery.....	.50
Zedad	19464		Extra bulb.....	.35

No. 43330.

Made of Fibre, Impervious to Water.

Zedaf	19465	2509	1½ x 8½.....	2.00
Zedag	19466		Extra battery.....	.30
Zedah	19467		Extra bulb.....	.35
Zedak	19468	2511	7½ x 11.....	2.50
Zedal	19469		Extra battery.....	.30
Zedam	19470		Extra bulb.....	.35
Zedan	19471	2513	1½ x 13.....	3.00
Zedap	19472		Extra battery.....	.50
Zedar	19473		Extra bulb.....	.35

MINERS' FLASH LIGHT.

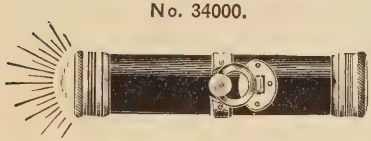
No. 19474.

Zedas	19474	2517	1½ x 8½.....	2.75
Zedat	19475		Extra battery.....	.30
Zedav	19476		Extra bulb.....	.35
Zedaw	19477	2519	1½ x 11.....	3.25
Zedax	19478		Extra battery.....	.30
Zedaz	19479		Extra bulb.....	.35
Zede	19480	2521	1½ x 13.....	3.75
Zedeg	19481		Extra battery.....	.50
Zefa	19483		Extra bulb.....	.35

"EVER READY" OSRAM FLASH LIGHTS.

Osram Lamps in a portable flash light insure greater satisfaction and more perfect service. The brightness of the light is many times greater, the life of the bulb is longer and the battery will give increased results. These features place the "Ever Ready" Flash Lights in a greater field of usefulness. We recommend them to you as absolutely the most perfect lights ever offered for sale, as they can be advantageously used wherever a bright and reliable light is desired.

No. 34000.



No. 34003.

Code Word.	List No.	Mfr. No.		List Price, Each.
Zafabeh	34000	2702	1¼x5 inches	$1.50
Zafabek	34001		Extra battery	.25
Zafabel	34002		Extra bulb	.60
Zafabem	34003	2703	Bulldog, 1½x6½ ins.	2.00
Zafaben	34004	2704	Bulldog, 1½x6½ ins.	2.00
Zafabep	34005		Extra battery	.25
Zafaber	34006		Extra bulb	.60

Zafabes	34007	2705	1½x8½ inches	2.00
Zafabet	34008	2706	1½x8½ inches	2.00
Zafabev	34009		Extra battery	.30
Zafabew	34010		Extra bulb	.60
Zafabex	34011	2707	1½x11 inches	2.50
Zafabey	34012	2708	1½x11 inches	2.50
Zafabez	34013		Extra battery	.30
Zafabi	34014		Extra bulb	.60
Zafabib	34015	2709	1½x13 inches	3.00
Zafabic	34016	2710	1½x13 inches	3.00
Zafabid	34017		Extra battery	.50
Zafabif	34018		Extra bulb	.60

No. 34019.

Zafabig	34019	2711	1½x8½ inches	2.50
Zafabih	34020	2712	1½x8½ inches	2.50
Zafabik	34021		Extra battery	.30
Zafabil	34022		Extra bulb	.60
Zafabim	34023	2713	1½x11 inches	3.00
Zafabin	34024	2714	1½x11 inches	3.00
Zafabip	34025		Extra battery	.30
Zafabir	34026		Extra bulb	.60
Zafabis	34027	2715	1½x13 inches	3.50
Zafabit	34028	2716	1½x13 inches	3.50
Zafabiv	34029		Extra battery	.50
Zafabiw	34030		Extra bulb	.60
Zafabix	34031	2718	1½x8½ inches	3.50
Zafabiy	34032	2719	1½x8½ inches	3.50
Zafabiz	34033		Extra battery	.30
Zafabo	34034		Extra bulb	.60
Zafabob	34035	2720	1½x11 inches	4.00
Zafaboc	34036	2721	1½x11 inches	4.00
Zafabod	34037		Extra battery	.30
Zafabof	34038		Extra bulb	.60
Zafabog	34039	2722	1½x13 inches	4.50
Zafaboh	34040	2723	1½x13 inches	4.50
Zafabok	34041		Extra battery	.30
Zafabol	34042		Extra bulb	.60

2704, 2706, 2708, 2710, 2712, 2714, 2716, 2719, 2720 and 2723 have Glove-Fastener Contact, giving permanent light if desired.

"EVER READY" ELECTRIC POCKET LIGHTS.

VEST POCKET LIGHTS, SIZE 1x2¾x3½ INCHES.

Vulcanized Fibre Case, Waterproof.

Metal Case, Alligator Covered.

Metal Case, Cloth Covered.

Marbled Metal Case.

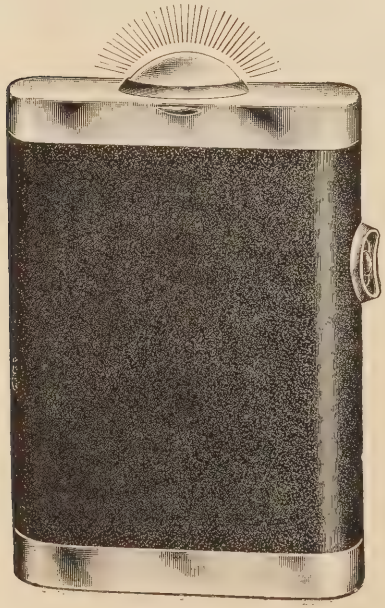
Convenient, attractive and useful. These lights are very desirable on account of the easy manner in which they can be carried around.

All parts interchangeable.

Renewals can be purchased in every city.

Useful whenever and wherever a light is required.

Code Word.	List No.	Mfr. No.		List Price, Each.
Zedih	19506	6509	(Sliding contact for Permanent Light.)	$1.25
Zedik	19507	6501		.1.10
Zedil	19508	6507	Black metal alligator	1.00
Zedim	19509	6502		.90
Zedin	19510	6504	Black metal	.85
Zedip	19512	6503		.75
Zafabom	9213		Extra battery for above	.30
Zafabon	9234		Extra bulb	.35
Zedir	19513	6514	Gun metal finish	.70
Zafabop	9235		Extra battery	.30
Zafabor	9245		Extra bulb	.35



COAT POCKET LIGHT, SIZE 1⅛x3⅜x5 INCHES.

Weight about 20 ounces.

Equipped with large durable battery and high candle power lamp, giving the maximum amount of light and life.

Double the size and power of the Vest Pocket Lights.

Has Snap-Switch, giving permanent light when required.

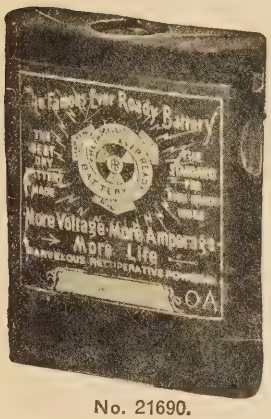
Zedis 19515 1901 ..... 1.25
Metal Case, Leatherette Covered.

Zedit 19516 1902 ..... 1.10
Black Metal Case.

Zedoz 19538 Extra battery for above ..... .35

Zedu 19539 Extra bulb ..... .35

"EVER READY" RENEWAL BATTERIES.



No. 21690.

Sunken cell battery, consisting of 3 dry cells securely connected. This type is used in the "Ever Ready" Vest Pocket and Coat Pocket Lights.

For use in Nos. 6501, 6502, 6503, 6504, 6507 and 6509 Vest Pocket Lights.

Code Word.	List No.		List Price, Each.
Zekud	21689	.....	$0.30

No. 504. Formerly style O-P, for use in No. 1901, 1902 Coat Pocket Lights.

Zekuf	21690	.....	.35

Spring contact battery for use in No. 6514 Vest Pocket Light. This battery consists of three cells securely connected, with contact points of brass.

Zekug	21691	.....	.30

No. 21691.

Zekuh	21692	.....	.30

This battery is used in candles, clocks, and No. 3601 House Lamp. Consists of three cells incased in pasteboard carton.

TUBULAR BATTERIES.

Zakuk	21693	7 x 1⅛	.30

For use in Flashlights Nos. 2503, 2504, 2509, 2510, 2517 and 2518. Comet Lights Nos. 2524 and 2526.

Zafabec	6758	9⅜ x 1⅛	.30

For use in Flashlights Nos. 2505, 2506, 2511, 2512, 2519 and 2520.

Zafabed	6759	11⅞ x 1⅛	.50

For use in Flashlights Nos. 2507, 2508, 2513, 2514, 2521 and 2522.

Zafabef	6760	4¾ x 1	.30

For use in Baby Flashlight No. 2523.

Zafabeg	6761	4¾ x 1	.25

For use in Baby Flashlight No. 2501.

"EVER READY" OSRAM POCKET LIGHTS.

MINIATURE VEST POCKET LIGHTS.—WITH MERCHLOR BATTERIES.

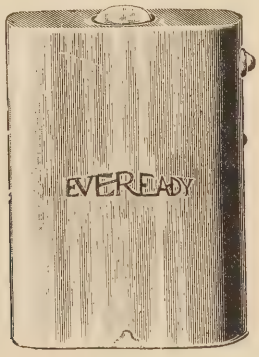
Before this new process of battery making was perfected by us, flash lights as small as these were not practical.

The cases are of brass, heavily nickel plated and highly polished. Contact buttons made to represent a ruby jewel.

SMALLEST AND MOST BEAUTIFUL FLASH LIGHTS MADE.

Size, 2¾ x 1⅜ x ¾ Inches.

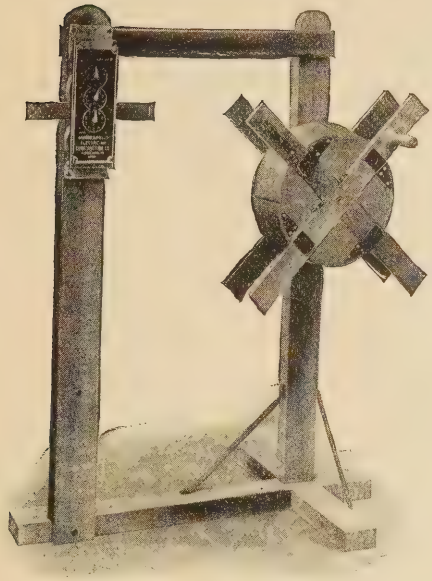
Code Word.	List No.	Mfr. No.		List Price Each.
Zagacun	42813	6661	Complete	$1.25
Zagacup	42814	650	Extra Merchlor Battery	.25
Zagacur	42815	1480	Extra Osram Bulb, 2½ volts	.60



Size, 2⅞ x 2 x ¾ Inches.

Zagacus	42816	6662	Complete	1.50
Zagacut	42817	651	Extra Merchlor Battery	.30
Zagacuv	42818	1481	Extra Osram Bulb, 3½ volts	.60

MINNEAPOLIS WIRE REEL AND METER.



No. 43781.

A most desirable machine for measuring the various sizes of wire and cordage, and should be in use by all dealers and contractors handling Electric Wire. It will save money and time, and a short use will demonstrate its great value.

In the Meter the wire passes between two self-adjusting rollers, which admit of wide range, and will measure accurately large or small sizes.

The pointers are movable and readily adjusted to the zero point.

The Reel is provided with removable cross bars, and the drum with grooves so the coil can be bound with tie wires and removed in a compact form. The Meter shows the number of feet in the coil.

No. 43783.

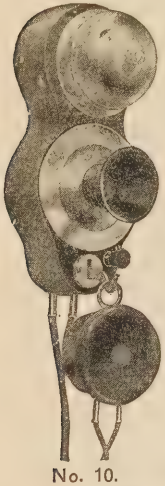
The Reel and Meter being combined and movable, can be placed where convenient for measuring and set aside when not in use.

The Counter Meter is provided with a base to be attached to a counter or other support where the Reel and frame are not desired.

The Cable Meter is of the form of the Counter Meter, but somewhat larger machine, and is adapted to measure large Cables, Flexible Conduit, Rope, etc.

Code Word.	List No.		List Price Each.
Zaganos	43781	Reel and Meter	$30.00
Zaganot	43782	Meter only	19.20
Zaganov	43783	Counter Meter	19.75
Zaganow	43784	Cable Meter	30.00

COUCH SUB-STATION BATTERY CALL TELEPHONES.



No. 10.

Instrument Wiring.—We have standard wiring plans for all classes of Private Telephone Service listed by us, and our prices are based on such standards.

Special wiring schemes involve a change in routine and extra labor for which we are obliged to charge accordingly.

Detailed wiring plans are sent with shipments of standard goods.

Wood Finishes.—Except where otherwise catalogued, our stock finishes are dark oak. Special finishes bear extra charge according to kind and quantity.

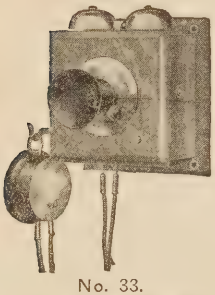
Metal Finishes.—Prices based on nickel, old brass, brush brass and polished brass. Finishes which by the nature of their treatment involve additional cost over those mentioned carry an extra charge according to kind and quantity.

"Couch" Sub-Station Battery Call Telephones are supplied for the following standard "Couch" systems: Two party private lines; three or more party four-wire System B-1; Central and Sub-Station Common Talking System B-3; Private Talking Apartment House Systems B-16 and B-19; Common Talking Apartment House Systems B-30 and B-31; Common Talking School System B-33; Private Talking Annunciator Hotel Systems B-41 and B-42; Private Talking Target Signal Switchboard System B-44. The service should be specified when ordering.

No. 10.

This may properly be termed a semi-flush telephone. It projects from the wall less than 3 in. and is very compact and neat in appearance. The base is black finish. All parts are accessible. An excellent set for hotels or apartments. Dimensions of base: 3⅛ in. wide, 8⅛ in. high.

Code Word.	List No.	Mfr. No.		List Price Each.
Zagaruv	6300	101	With bell, 1 button.....	$8.00
Zagaruw	6301	105	With buzzer, 1 button.....	8.00
Zagarux	6302		Capacity 2 buttons, extra button.....	.50

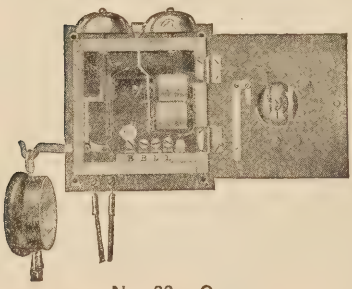


No. 33.

No. 33.

Intended to fill the demand for a good telephone at a moderate price. The parts are of light construction, but well designed. It is frequently used in hotel and apartment house systems. Dimensions of base: 4½ in. wide, 5 in. high.

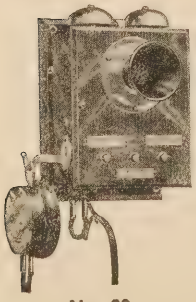
Zagaruy	6303	33	With 1 button.....	6.80
Zagaruz	6304		Capacity 2 buttons, extra button.....	.50



No. 33.—Open.

No. 33.—Open.

The object of this cut is to show how the component parts of the No. 33 Telephone are arranged in the box. It can be seen that the bell movement, switch hook and push button contacts are exposed for easy inspection or adjustment when necessary. The line terminals are inside at the front lower edge of the box. The instrument wiring is neatly done, all connections are soldered, spring contacts are used on the door hinges, a guard is placed over the bell striker and, in short, this instrument is the best value for the price marketed.



No. 29.

No. 29.

In some apartment house systems it is required that the suites may call the janitor, operate the front door lock and the rear door lock, thus calling for three push buttons. It is convenient to have the buttons all on the telephone, and the No. 29 is designed for such service. Dimensions of base: 4½ in. wide, 6¼ in. high.

Zagasa	6305	29	With 3 buttons with markings..	8.00

COUCH SUB-STATION BATTERY CALL TELEPHONES.

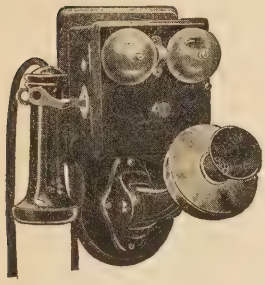
No. 16.

No. 16.

Being equipped with standard receiver, a "Couch long-distance transmitter and all other parts of particularly substantial and heavy construction, this telephone may be considered the leader where hard use and constant service are demanded.

This type is now equipped with inside line terminals. Dimensions of base: 5 in. wide, 6¼ in. high.

Code Word.	List No.	Mfr. No.		List Price Each.
Zagasab	6306	161	With 1 button	$9.00
Zagasac	6307		Capacity 2 buttons, extra button	.50



No. 19.

No. 19.

In places where it may be of importance to have the transmitter adjustable to different heights this telephone should be selected as it has a long adjustable arm, giving a good range of angular movement to the transmitter.

All parts are of heavy construction, readily withstanding hard service.

Dimensions of base: 5 in. wide, 9½ in. high.

Zagasad	6308	191	With 1 button	10.00
Zagasaf	6309		Capacity 3 buttons, extra button	.50

No. 66.

No. 66.

This desk set is of the highest possible grade throughout. We supply this same type of telephone for all classes of private or public service systems.

Specifications of No. 66.

Heavy brass base with felt-covered bottom.
Steel standard with hard rubber sleeve and brass top.
Cast brass head joint and swivel.
Adjustable transmitter.
Brass fork lever.
Fork switch contacts in base of stand.
Heavy nickel-plated metal parts.
Five feet connecting cord and a terminal strip.

Zagasag	6310	668	Talking set only, induction coil in base	12.00
Zagasah	6311	661	With 1 button in base and separate buzzer	15.00
Zagasak	6312		Capacity 2 buttons, extra button	.80

No. 622. No. 6210.

No. 6210.

The transmitter and receiver of this set are combined in one handle, and it is known as a Hand Micro-Telephone. This set is suitable for either wall or desk use and is especially convenient and neat for the office or home.

It is supplied with either bell or buzzer call.

Dimensions of base: 4¼ in. wide, 5¾ in. high.

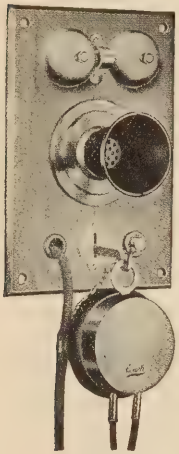
Zagasal	6313	6210	With bell, 1 button (black box)	14.00
Zagasam	6314	6211	With buzzer, 1 button (black box)	14.00
Zagasan	6315		Capacity 2 buttons, extra button	.50

No. 622.

This is a talking set only, the induction coil hook switch and line terminals being a part of the outfit.

Zagasap	6316	622	Black finish	12.00

COUCH SUB-STATION BATTERY CALL TELEPHONES.



No. 73.

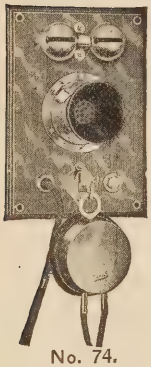
No. 73.

This is a metal front flush telephone particularly suited to residence and apartment house service. The face plate is brass ⅛ in. thick with bevelled edges. The signaling and talking apparatus is high grade throughout and the instrument will give the most efficient service.

Dimensions over all: Width 4 1/2 in., height 6 7/16 in.; wall opening, width 3 in., height 5 7/16 in.; wall depth required, 2⅛ in.

Above wall opening dimensions not to be followed if metal outlet box is used.

Code Word.	List No.	Mfr. No.		List Price Each.
Zagasar	6317	73	With 1 button.....	$10.00
Zagasas	6318		Capacity 3 buttons, extra button.....	.50



No. 74.

No. 74.

The No. 74 is a wood front flush telephone.

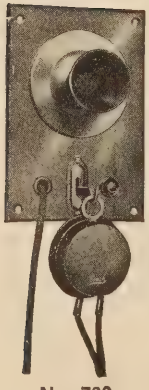
While fully as efficient as the metal front types, it costs less to manufacture and therefore can be sold at a cheaper price. It can be supplied in any wood and finish, the standard being dark oak. A slight advance will be charged for small quantities in special finish.

Sleigh gongs are shown in the cut, but regular 1½-in. gongs are supplied on all orders.

Dimensions over all: Width 4 1/2 in., height 6 7/16 in.; wall opening, width 3 in., height 5 7/16 in.; wall depth required, 2⅛ in.

Above wall opening dimensions not to be followed if metal outlet box is used.

Zagasat	6319	74	With 1 button.....	8.00
Zagasav	6320		Capacity 3 buttons, extra button.....	.50



No. 730.

No. 730.

Occasionally a buzzer call is demanded.

In school systems, for instance, a buzzer call is quite loud enough in the class rooms and is usually preferred to a bell call.

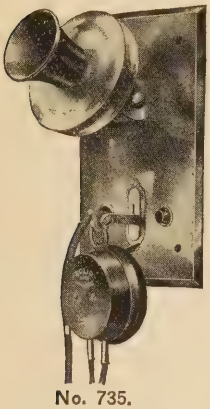
In the No. 730 the buzzer is mounted on the back of the metal front plate and the sound from it is distinctly audible.

Dimensions over all: Width 4 1/2 in., height 6 7/16 in.; wall opening, width 3 in., height 5 7/16 in.; wall depth required, 2⅛ in.

Above wall opening dimensions not to be followed if metal outlet box is used.

Zagasaw	6321	730	With 1 button.....	10.00
Zagasax	6322		Capacity 3 buttons, extra button.....	.50

COUCH SUB-STATION BATTERY CALL TELEPHONES.



No. 735.

No. 735.

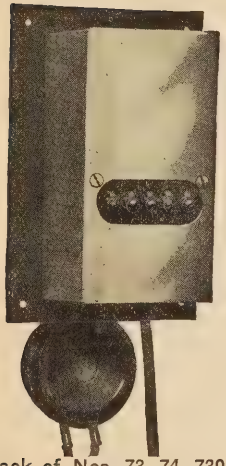
The transmitter of this set is mounted on a short adjustable arm, giving it a substantial angular movement. This feature adds to the cost of the telephone, but appeals to some users as of distinct advantage in bringing the mouthpiece in direct range of the speaker's lips. This set is equipped with buzzer call only. The face plate is ⅛ in. brass with bevelled edges.

Dimensions over all: Width 4 1/2 in., height 7 3/4 in.; wall opening, width 3 in., height 5 7/16 in.; wall depth required, 2 1/8 in.

Above wall opening dimensions not to be followed if metal outlet box is used.

A special outlet box is made for No. 735, but only supplied upon special order. Its dimensions are: Width 3⅜ in., height 6¼ in., depth 3⅛ in., outside measure.

Code Word.	List No.	Mfr. No.		List Price Each.
Zagasay	6323	735	With 1 button.....	$12.00
Zagasaz	6324		Capacity 3 buttons, extra button.	.50
Zagase	6325		Special outlet box, cast iron.....	1.00



Back of Nos. 73, 74, 730 and 735.

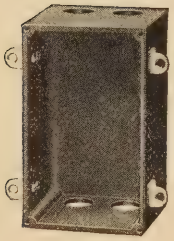
BACK OF Nos. 73, 74, 730 and 735.

A heavy tin casing covers the working parts of all "Couch" flush telephones of the Sub-Station Battery Call type. This casing protects the bell movement, switch hook contacts, etc., from falling plaster or dirt and also prevents the connecting wires from being crowded into the mechanism when the telephone is set into the wall.

The house wiring connects to the insulated terminal strip shown in the cut. The casing can be slipped back on the wires without disconnecting them, whenever it is desired to inspect the interior of the telephone.

With such construction as this a metal outlet box is unnecessary in most cases.

The telephone is supported to the wall by screws through the corners into the lathing or preferably into some suitable ground work which the workman should provide.



Type "S" Outlet Box.

TYPE "S" OUTLET BOX.

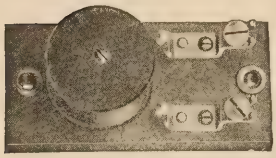
This box accommodates "Couch" flush telephones Types Nos. 73, 74 and 730.

It is made of cast iron. Two ⅞-in. knockout holes are drilled on both ends for ½-in. conduit and standard T. & B. bushings may be used inside.

Dimensions over all: Width 3⅝ in., height 5⅝ in, depth, 3⅛ in.

Zagaseb	6326	Type "S" Outlet Box.....		1.00

COUCH MULTIFONE TELEPHONES.



No. 1060.

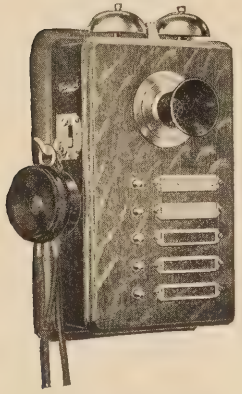
"Couch Multifones" are wired for central battery Common Talking Circuit Systems, all stations being connected to one pair of talking wires, but having call buttons on each telephone to the number required to call other stations selectively.

These telephones are superior in point of design, finish, accessibility for connecting up, durability and efficiency to any line of apparatus for similar systems ever produced.

No. 1060.—CHOKE COIL.

For the successful performance of the systems on which "Couch Multifones" are used it is necessary to place a Choke Coil in series with the common "Talking Battery." The No. 1060 is correctly designed for such service.

Code Word.	List No.	Mfr. No.		List Price Each.
Zagasec	6327	1060		$1.00



No. 647.

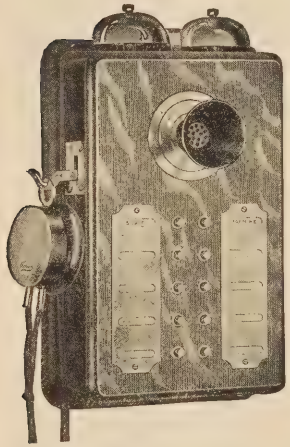
No. 647.

Designed for installations limited to a small number of stations.

The quality of this telephone is excellent in every respect.

Zagased	6328	647	4 button	10.00
Zagasef	6329	6470	5 button	10.30

Printing of names not included in price.



No. 64.

No. 64.

This type is the usual selection for commercial systems and frequently for the less important rooms in residence systems.

Each line connector forms one side of the corresponding call button contact. The line connectors are mounted on the back board. No hinged wires or cables are used. It may be used in connection with any of the other types of "Multifones."

Zagaseg	6330	642	8 button	11.00
Zagaseh	6331	644	12 button	12.00
Zagasek	6332	645	16 button	13.00
Zagasel	6333	646	20 button	14.00

Printing of names not included in price.

No. 640.

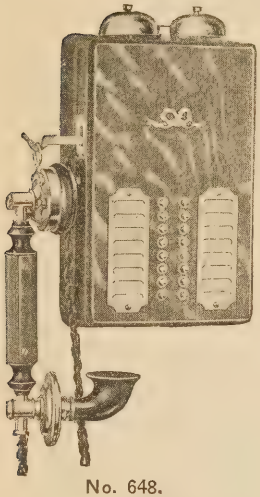
Some of our trade prefer the standard type of receiver and the "Couch" long-distance transmitter. This telephone is so equipped and is the highest grade of instrument possible to produce for "Multifone" service.

Zagasem	6334	6401	5 buttons in one vertical row	11.80
Zagasen	6335	6402	8 buttons in two vertical rows	12.50
Zagasep	6336	6403	12 buttons in two vertical rows	13.50
Zagaser	6337	6405	16 buttons in two vertical rows	14.50
Zagases	6338	6406	20 buttons in two vertical rows	15.50

Printing of names not included in price.

No. 640.

COUCH MULTIFONE TELEPHONES.

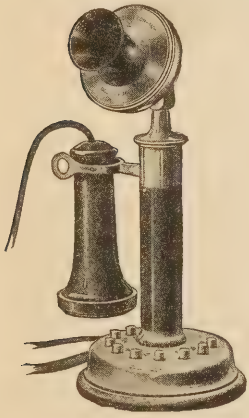


No. 648.

No. 648.

If placed near a desk this set can be used with equal convenience sitting or standing. Many users find the Hand Micro-Telephone particularly serviceable in noisy places, as it is not readily affected by vibration or noise of heavy machinery.

Code Word.	List No.	Mfr. No.		List Price Each.
Zagaset	6339	6480	5 buttons in one vertical row	$16.30
Zagasev	6340	6481	8 buttons in two vertical rows	17.00
Zagasew	6341	6482	12 buttons in two vertical rows	18.00
Zagasex	6342	6483	16 buttons in two vertical rows	19.00
Zagasey	6343	6484	20 buttons in two vertical rows	20.00



No. 660.

No. 660.

In this desk set, designed for "Multifone" systems, the call buttons are arranged around the base, making a very handy portable set. The equipment includes a dark oak terminal box containing buzzer and line terminals and six feet of flexible green covered cable connecting the terminal box with the desk stand.

It is not made above 12 buttons. The buttons are numbered.

Zagasez	6344	6603	4 button	$19.00
Zagasi	6345	6604	8 button	21.50
Zagasib	6346	6605	12 button	24.00
			Flush Terminal Box in place of regular, extra	4.00

No. 66.

Pushrite Button Board.

No. 66.—WITH PUSHRITE BUTTON BOARD.

This makes a good selection for a desk set for "Multifone" systems. The No. 66 Telephone is supplied with five feet of flexible green covered cord, terminal strip and buzzer. The Pushrite Button Board is fitted with an index frame to carry the names of the different stations and can be furnished with Regular Base, as shown in cut, with Weighted Base for portability or with Flush Base for residence service.

Zagasic	6347	66A	With 4 button Regular Base Pushrite	$16.50
Zagasid	6348	66B	With 8 button Regular Base Pushrite	17.50
Zagasif	6349	66C	With 12 button Regular Base Pushrite	18.50
Zagasig	6350	66D	With 16 button Regular Base Pushrite	19.50
Zagasih	6351	66E	With 20 button Regular Base Pushrite	20.50

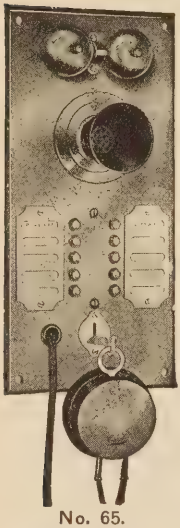
Extras.

Zagasik	6352	Weighted Base Pushrite in place of Regular	1.50
Zagasil	6353	Flush Base Pushrite in place of Regular	1.50

Printing of names not included in price.

Cord for connecting Pushrite Button Board to house wiring not included in price.

COUCH FLUSH MULTIFONES.



No. 65.

No. 65.

Our No. 65 Flush Multifone is adapted for residence service and should be selected for the dining-room, chambers, etc. It can be used in connection with the more commercial types of wood box sets which are suitable for the kitchen, servants' hall, etc.

The front of the No. 65 is brass ⅛ in. thick with bevelled edges. An index frame provides for a printed or typewritten list of stations, this list being protected by transparent celluloid.

Code Word.	List No.	Mfr. No.		Dimensions Over All—Height.	Width.	List Price Each.
Zagasim	6354	651	4 button	8 13/16 in.	5 in.	$14.00
Zagasin	6355	652	8 button	9 11/16 in.	5 in.	15.00
Zagasip	6356	654	12 button	10 9/16 in.	5 in.	17.00
Zagasir	6357	655	16 button	11 7/16 in.	5 in.	19.00
Zagasis	6358	656	20 button	12 5/16 in.	5 in.	21.00

Printing of names not included in price.

Wall Opening Dimensions.

If metal outlet box is used follow dimensions under Type "M" Outlet Box.

If no outlet box is used the dimensions of wall opening should be 1 13/16 in. less on the height, and 15/16 in. less on the width than the over-all dimensions given above.

No. 34.

No. 34.

This Hand Micro-Telephone set offers a selection for residence use well worth considering. It is convenient for both the grown folk and the children to use, and is thoroughly efficient. The Hand Micro-Telephone has four feet of flexible cord. The front plate is ⅛ in. brass with bevelled edges. It can be used in connection with any of the other types of "Couch Multifones."

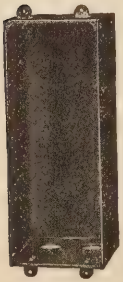
Zagasit	6359	341	4 button	6 5/8 in.	5 in.	20.00
Zagasiv	6360	342	8 button	7 1/2 in.	5 in.	21.00
Zagasiw	6361	344	12 button	8 3/8 in.	5 in.	23.00
Zagasix	6362	345	16 button	9 1/4 in.	5 in.	25.00
Zagasiy	6363	346	20 button	10 1/8 in.	5 in.	27.00

Printing of names not included in price.

Wall Opening Dimensions.

If metal outlet box is used follow dimensions under Type "M" Outlet Box.

If no outlet box is used the dimensions of wall opening should be 1 13/16 in. less on the height, and 15/16 in. less on the width than the over-all dimensions given above.



Type "M" Outlet Box.

TYPE "M" OUTLET BOX.

Provided with two 1 3/32 in. knockout holes in each end for ¾ in. conduit, and standard T. & B. bushings may be used inside. Outlets for 1 in. conduit can be provided if desired.

Over-All Dimensions.

Size of Telephone.	No. 65 Type—Height.	Width.	No. 34 Type—Height.	Width.
4 button	7 5/16 in.	4 3/16 in.	5 1/8 in.	4 3/16 in.
8 button	8 3/16 in.	4 3/16 in.	6 in.	4 3/16 in.
12 button	9 1/16 in.	4 3/16 in.	6 7/8 in.	4 3/16 in.
16 button	9 15/16 in.	4 3/16 in.	7 3/4 in.	4 3/16 in.
20 button	10 13/16 in.	4 3/16 in.	8 5/8 in.	4 3/16 in.

Wall depth required, all sizes, 4 3/8 in.

Type "M" Outlet Box, all sizes..... 2.00

COUCH TYPE C. T. VESTIBULE TELEPHONES.

No. 473.

Our C. T. Vestibule Telephones are designed for so-called Common Talking Systems, such as our Systems B-30 and B-31.

These types may be used in either the front or rear entrances, although it is customary to use surface type wood box sets in the rear entrances as they are less expensive.

The front plates are cast composition brass or bronze.

Prices are based on standard finishes, old brass, polished brass, brush brass and nickel.

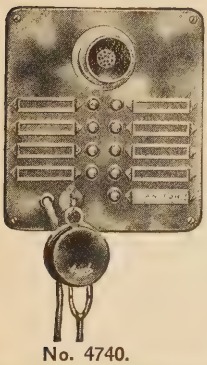
Special finishes bear an extra charge.

No. 473.

Capacity, four suites and janitor.

Dimensions over all: Height 8 7/16 in, width 4 3/16 in.; wall opening, height 7 5/16 in., width 3 15/16 in.; wall depth required, 3 in.

Code Word.	List No.	Mfr. No.		List Price Each.
Zagasiz	**6364**	473	1 button.....	**$14.00**
			Additional buttons, each.....	**.60**



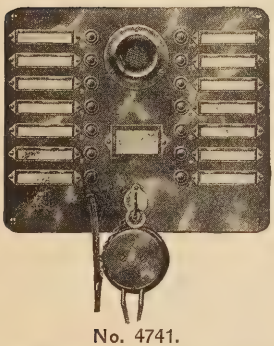
No. 4740.

No. 4740.

Capacity, eight suites and janitor.

Dimensions over all: Height 8 7/16 in., width 7 1/2 in.; wall opening, height 7 5/16 in., width 6 3/8 in.; wall depth required, 3 in.

Zagaso	**6365**	4740	5 buttons.....	**17.50**
			Additional buttons, each.....	**.60**



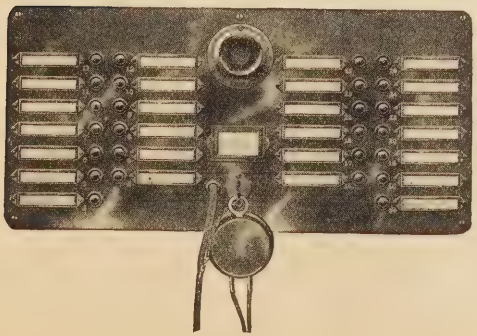
No. 4741.

No. 4741.

Capacity, sixteen suites and janitor.

Dimensions over all: Height 8 7/16 in., width 10 in.; wall opening, height 7 5/16 in, width 6 3/8 in.; wall depth required, 3 in.

Zagasob	**6366**	4741	9 buttons.....	**20.00**
			Additional buttons, each.....	**.60**



No. 4742.

No. 4742.

Capacity, thirty-two suites and janitor.

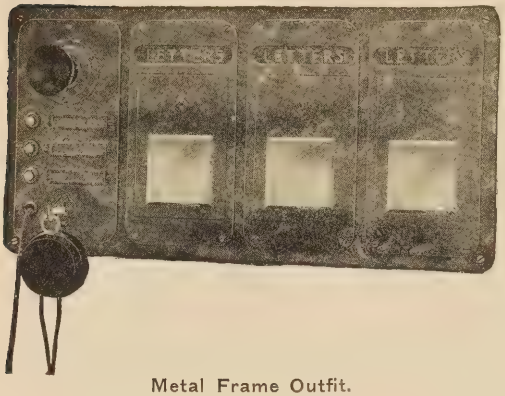
Dimensions over all: Height 8 7/16 in., width 17 1/4 in.; wall opening, height 7 5/16 in., width 15 in.; wall depth required, 3 in.

Zagasoc	**6367**	4742	17 buttons.	**24.00**
			Additional buttons, each.....	**.60**

Note. — In ordering state finish and the numbering required for the buttons.

No charge is made for numbering the buttons.

COUCH C. T. VESTIBULE TELEPHONES.



Metal Frame Outfit.

These are designed for so-called Common Talking Systems, such as our Systems B-30 and B-31.

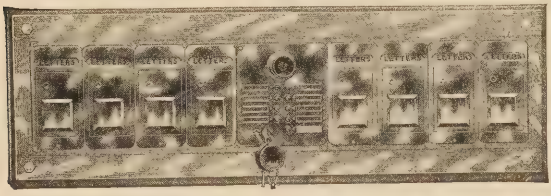
Completely assembled outfits are usually more convenient to install than telephones and letter boxes separately and probably, in the end, more economical.

METAL FRAME OUTFITS.

Our Metal Frame Outfits are supplied in sizes from one to eight suites, inclusive. The mountings are always in one row.

Code Word.	List No.	Capacity.	Outside Dimensions. Height, Inches.	Outside Dimensions. Width, Inches.	Wall Opening Height, Inches.	Wall Opening Width, Inches.	List Price Each.
Zagasod	4720	One Suite	9 3/4	10	8	8 5/8	$21.20
Zagasof	4721	Two Suites	9 3/4	14 1/2	8	13 1/8	26.50
Zagasog	4722	Three Suites	9 3/4	19	8	17 5/8	31.80
Zagasoh	4723	Four Suites	9 3/4	23 1/2	8	22 1/8	37.10
Zagasok	4724	Five Suites	9 3/4	30 7/16	8 5/16	28 3/4	43.50
Zagasol	4725	Six Suites	9 3/4	34 5/8	8 5/16	32 15/16	48.80
Zagasom	4726	Seven Suites	9 3/4	38 13/16	8 5/16	37 1/8	54.10
Zagason	4728	Eight Suites	9 3/4	43	8 5/16	41 5/16	59.40

Finishes: Old brass, polished brass, brush brass, nickel. Special finishes extra.



Wood Frame Outfit.

WOOD FRAME OUTFITS.

We can supply Wood Frame Outfits for any number of suites and with the telephone and letter boxes grouped in any desired manner that will admit of the use of our standard parts. Unless otherwise specified we furnish these outfits in a single row grouping in sizes from one to eight suites, inclusive (see cut).

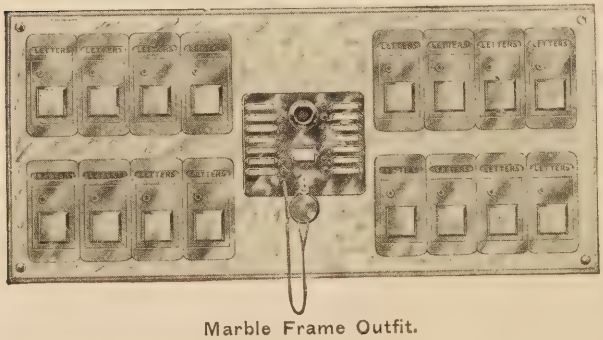
Dimensions.—As these are determined by the grouping which in turn is governed, to some extent, by the available space in the vestibule, we advise customers to state their requirements and we will gladly submit measurement data, together with sketches if necessary.

Zagasop 4710 One Suite Outfit, wood frame..... 20.00
Additional suites, i. e., letter box, corresponding call button on telephone and increase in size of frame..... 5.30

Wood Finishes: Oak, cherry or mahogany.

Metal Finishes: Old brass, polished brass, brush brass or nickel.

Special finishes extra.



Marble Frame Outfit.

MARBLE FRAME OUTFITS.

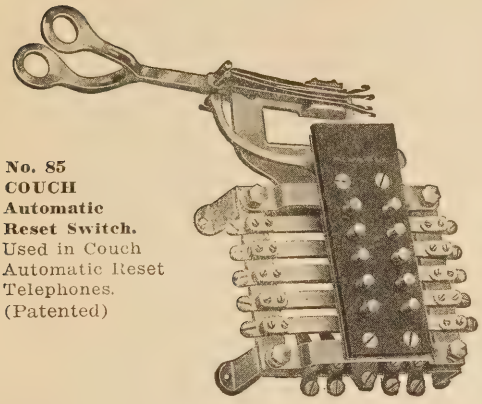
Prices will be quoted upon application, stating requirements.

LETTER BOX.

Our No. 1 Letter Box is used in all our Vestibule Outfits.

Dimensions over all: 8 7/16 in. by 4 3/16 in.; wall opening, 7 5/16 in. by 3 15/16 in.

Zagasor 6368 No. 1 Letter Box, standard finish..... 3.20



No. 85
COUCH
Automatic
Reset Switch.
Used in Couch Automatic Reset Telephones.
(Patented)

Couch TELEPHONY

DESCRIPTION OF No. 85 SWITCH.

The frame or body of the Couch Automatic Reset Button Switch is of brass. It will not warp or rust. Hard rubber is used sparingly, just enough to stand a proper breakdown test for insulation, and in no wise acts as a support.

German silver spring stock of substantial gauge is used for all contact and button springs. Contacts are formed by the engagement of sterling silver points and discs which are riveted to the German silver springs. These contacts are always clean and positive, and obviously superior to contacts obtained by merely upsetting points in the spring stock itself, as found in inferior switches.

Each button is restored from active to normal position by a flat German silver spring of proper length and gauge to preclude "setting," instead of a spiral spring, as in ordinary switches.

There are 35 springs, including the hook switch and contact springs, in an entire 10 line "Couch" Automatic Switch—fewer than in any other switch on the market, and there are no spiral springs whatever, a fact the "trouble shooter" will appreciate.

The button locking plate is gravity operated, and so accurately machined that it will operate in almost a horizontal position. It never needs adjustment—gravity never fails.

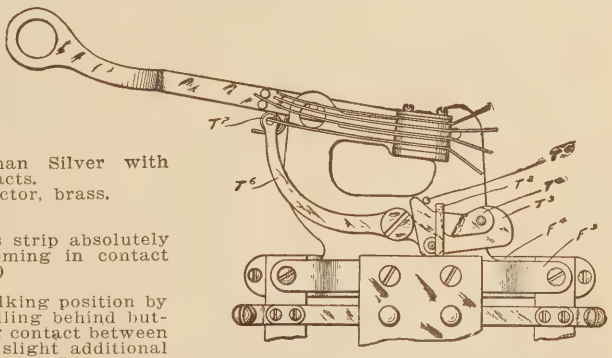
Line wires connect under brass machine screws in heavy brass connectors properly clamped in metallic connection directly with corresponding switch spring. This method eliminates hinged cable and solder. Soldering is a prolic cause of trouble in telephone work, unless specially prepared flux and extreme care is used in doing the work. Otherwise corrosion takes place and finally a breakdown in the insulation, sufficient to divert the voice currents or to cause a leakage in the battery.

Every Switch of our manufacture is given a thorough mechanical and insulation test before assembled in our telephones, and then again before shipping to our customer.

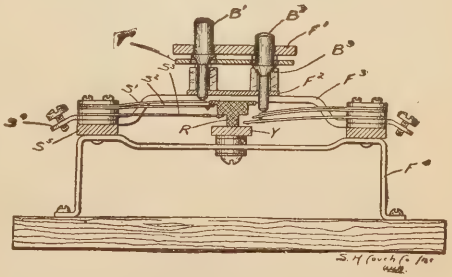
DETAILS OF "COUCH" AUTOMATIC RESET SWITCH.

F 1—Front Button Plate, brass, oxidized black finish.
F 2—Back Button Plate, brass.
F 3—Upper Bridge, brass
F 4—LowerBridge, brass
S 1—Button Spring, German Silver with Sterling Silver contacts.
S 3—Line Spring, German Silver with Sterling Silver contacts.
S 4—Heavy Screw Connector, brass.
S 5—Spring Bar, brass.
Y —Ringing Bar, brass.
R —Rubber Strip. This strip absolutely prevents springs coming in contact except in operation.)
B 1—Button at rest.
B 2—Button locked in talking position by locking plate T 1 falling behind button cone B 3, making contact between springs S 2, S 3. A slight additional push connects line spring S 3 to ringing bar Y, ringing the bell on that line.
T 2—Locking Plate Arm, which is engaged by Tripper T 3 through Lever T 6 when the hook is moving down, thus raising locking Plate T 1 and releasing Button B 2 to position at rest B 1.
T 7—Roller Bearing (no friction).

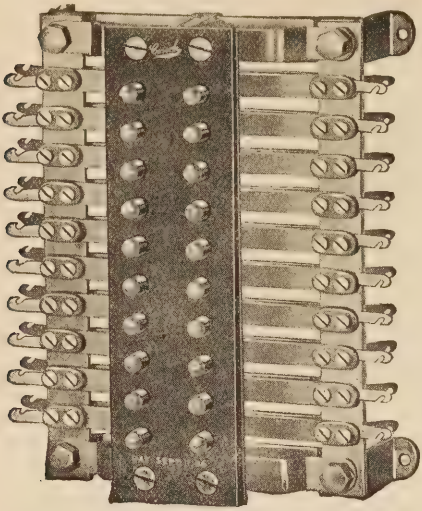
Note.—When it is desired to lock butons with hook down, remove receiver, raise Locking Plate Arm T 2 and revolve Tripper Lug T 4 on its pivot from left to right. The operation of the tripper is then as follows: When the hook is moving down Pin T 5 moves Tripper T 3 slightly to the left at the same time as Lever T 6 is raising it, and after the button is released Locking Arm T 2 falls back in recess vacated by Lug T 4 and allows Locking Plate T 1 to rest on the shanks of the buttons in position to lock any button pushed in,



DETAIL.



SECTION.



No. 8585.

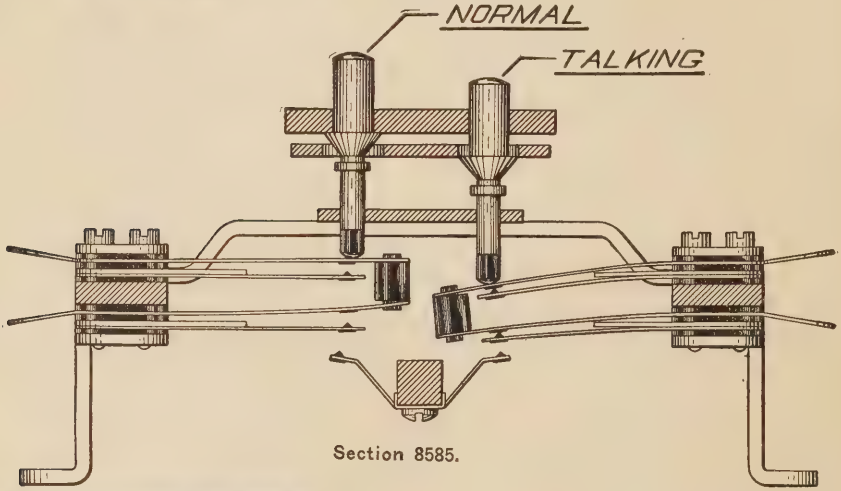
Couch

FULL METALLIC BUTTON SWITCH.

This cut represents the Couch Intercommunicating Button Switch used in the Couch L. B. X. Telephone System connecting with the outside or Exchange Service.

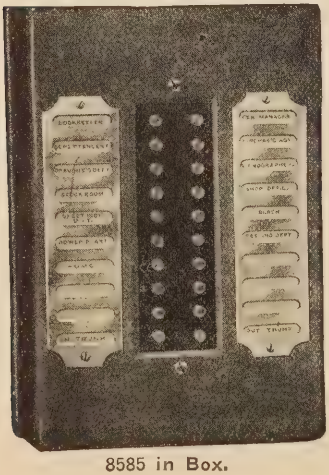
Prices are given below where the same switch is shown encased.

The line cut is actual size and represents one button locked in "talking" position. Pressing this button a little farther would contact it with the ringing battery spring.



Section 8585.

S. H. Couch Co. Inc.



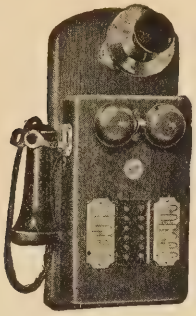
8585 in Box.

No. 8585 (Switch Encased).

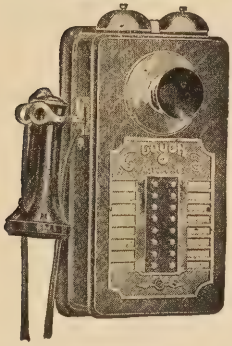
Used with desk sets on Intercommunicating systems, full metallic, common battery, but sold separately.

Code Word.	List No.	Mfrs. No.		List Price.
Zafidol	39064	10	Button	$8.00
Zafidom	39065	16	Button	11.00
Zafidon	39066	20	Button	13.00

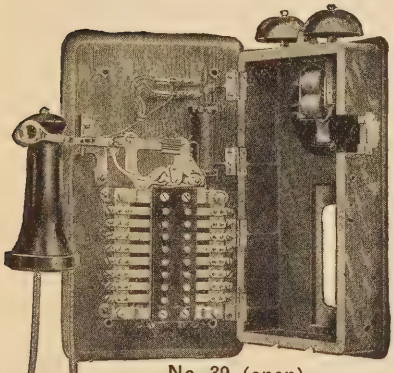
Price includes directory plates and celluloid protection strips, but not printing. Finish black and nickle.



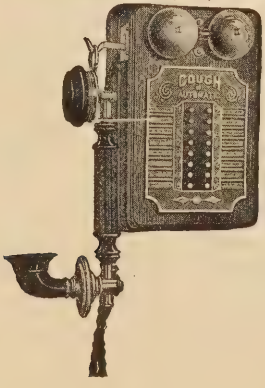
No. 38.



No. 39.



No. 39 (open).



No. 41.

Couch TELEPHONES

AUTOMATIC RESET INTERCOMMUNICATING 'PHONES.

No. 38.

This telephone was designed for Hospital Systems along lines suggested by a prominent hospital architect. The component parts are substantially the same as No. 39. The principal difference lies in the character of the cabinet, it being desirous in this set to construct it with a view of preventing the collection and accumulation of dust and disease germs as much as possible.

This is effected to a considerable degree by rounding the corners and edges of the wood work, and the elimination of all decorative devices. The result is rather a plain, but rich appearing telephone.

The wood work is usually finished in white enamel in keeping with hospital surroundings. Other finishes are supplied.

Moreover, this set is equipped with a short adjustable transmitter arm, affording a range of angular movement of the transmitter to accommodate persons of different heights.

Code Word	List No.	Mfrs. No.		
Zafioem	39025	381	10 station made to order..	$19.20
Zafioen	39026	382	16 station made to order..	22.60
Zafioep	39027	383	20 station made to order..	24.80
Zafioer	39028	384	26 station made to order..	28.20
Zafioes	39029	385	30 station made to order..	30.40

Used on Either Central Battery Systems:

B-12 Common Return. B-15 Twisted Pair.

No. 39.

The standard form used for general all around work in factories, warehouses, stores, etc.

Line connections are made direct to switch terminals.

The arrangement of all parts of this instrument are in marked contrast to any apparatus for similar purposes ever offered. The workman who installs this phone will find it easier and quicker to connect up than any automatic on the market. Ample room is provided for the incoming cable through the hole in the backboard and for the distribution of the wires to the line and battery terminals.

Zafioet	39030	391	10 station dark oak.....	$15.20
Zafioev	39031	392	16 station dark oak.....	18.60
Zafioew	39032	393	20 station dark oak.....	20.80
Zafioex	39033	394	26 station dark oak.....	24.20
Zafioey	39034	395	30 station dark oak.....	26.40

Used on Either Central Battery Systems:

B-12 Common Return. B-15 Twisted Pair.

No. 41.

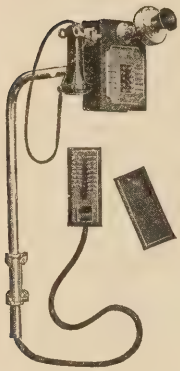
This set is now supplied with a buzzer in place of the bell unless otherwise specified. The Hand Microphone has 4 ft. of flexible cord connecting it with the switch, so that a person standing near or sitting at a desk located near a partition can readily use this set.

Zafioez	39035	411	10 station dark oak.....	$24.00
Zafioi	39036	412	16 station dark oak.....	27.40
Zafioib	39037	413	20 station dark oak.....	29.60
Zafioic	39038	414	26 station dark oak.....	33.00
Zafioid	39039	415	30 station dark oak.....	35.20

Used on Either Central Battery Systems:

B-12 Common Return. B-15 Twisted Pair.

COUCH



No. 36.

AUTOMATIC RESET INTERCOMMUNICATING DESK SETS.

These telephones are of excellent design and workmanship and should not be compared with the indifferently made and inferior makes copied after these patterns.

CENTRAL BATTERY SYSTEM.

B-12 Common Return.—B-15 Twisted Pair.

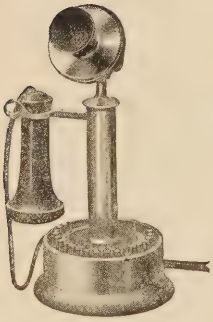
Code Word.	List No.	Mfr. No.		List Price Each.
Zafidif	39040	361	10 Station Dark Oak.....	$27.00
Zafidig	39041	362	16 Station Dark Oak.....	31.80
Zafidih	39042	363	20 Station Dark Oak.....	35.00
Zafidik	39043	364	26 Station Dark Oak.....	39.80
Zafidil	39044	365	30 Station Dark Oak.....	43.00

No. 37.

Adherents of the portable desk set will find in our No. 37 perfection. We make it in any number of buttons, from 1 to 26 inclusive.

The releasing mechanism is purely mechanical, positive in operation and simple in construction.

A suitable terminal box with buzzer is furnished, connected by six feet of small flexible cable to the desk set.



No. 37.

USED ON EITHER COMMON BATTERY SYSTEMS.

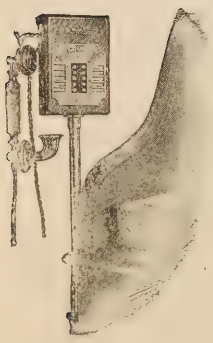
Cover Removed.

B-12 Common Return.—B-15 Twisted Pair.

Zafidim	39045	371	10 Station.....	27.00
Zafidin	39046	372	16 Station.....	31.80
Zafidip	39047	373	20 Station.....	35.00
Zafidir	39048	374	26 Station.....	39.80
Zafidis	39049		Extra for Flush Terminal Box	3.50

No. 44.

A more convenient set than this for desk use would be difficult to design. After a fair trial, the average person will admit a preference for the Hand Microphone over a regular portable. Combining as we do with the Automatic Switch in standard sizes, we produce an outfit desirable from every standpoint. Fastened at a suitable angle and height at the end of a desk, it can be made extremely convenient and yet out of the way. It cannot be confused with the public exchange 'phone.



No. 44.

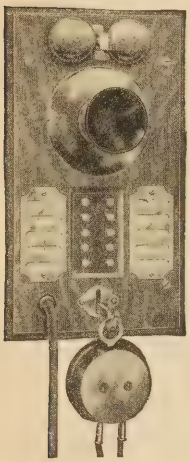
USED ON EITHER CENTRAL BATTERY SYSTEMS.

B-12 Common Return.—B-15 Twisted Pair.

Zafidit	39050	441	10 Station Dark Oak.....	27.00
Zafidiv	39051	442	16 Station Dark Oak.....	31.80
Zafidiw	39052	443	20 Station Dark Oak.....	35.00
Zafidix	39053	444	26 Station Dark Oak.....	39.80
Zafidiy	39054	445	30 Station Dark Oak.....	43.00

Price does not include any cable through tube. Usually the regular wire cable will easily enter the tube.

No. 42.



No. 45.

No. 43.

Couch TELEPHONES

AUTOMATIC RESET FLUSH INTERCOMMUNICATING TELEPHONES.

These telephones are designed especially for high-class residence service.

The switching mechanism is self-contained, and is mounted on a base together with the bell or buzzer movement and the induction coil. The instrument wiring is all done on this base, which is entirely independent of the wall box, so far as any support is concerned.

The fact plate containing the transmitter, gongs and directory plates is removable, without disconnecting any wires, and has no cable attached thereto.

The house wiring is brought into the wall box, through a hole in the mounting base, and then directly front connected to corresponding terminals.

Every working part is accessible and interchangeable.

Wiring.—These telephones may be connected up Full Metallic System B 15 or Common Return System B 12, both of which are common battery.

No. 42.

METAL FACE PLATE.

Code Word	List No.	Mfrs. No.		
Zafioiz	39055	42	10 station or less.....	$21.00
Zafioo	39056		Each additional ten buttons...	2.00
Zafioob	39057		Wall box for all sizes.....	1.50

Finish—Brush Brass, Nickel, Old Brass. Other finishes extra.

No. 45.

WOOD FACE PLATE.

Zafidoc	39058	45	10 station or less.....	$21.00
Zafidod	39059		Each additional two buttons..	2.00
Zafidof	39060		Wall boxe for all sizes.....	1.50

Finish—Any ordinary wood and finish with either Brush Brass, Nickel or Old Brass trimmings. Other finishes extra.

No. 43.

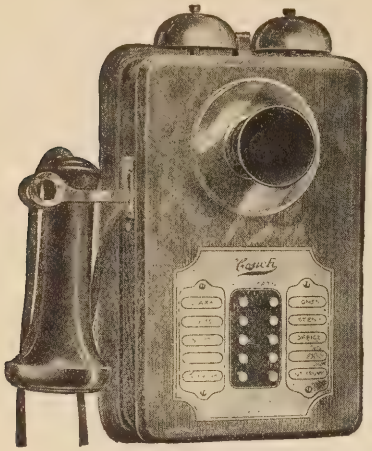
METAL OR WOOD FACE PLATE.

Zafidog	39061	43	10 station or less.....	$31.00
Zafidoh	39062		Each additional two buttons..	2.00
Zafidok	39063		Wall box for all sizes.....	1.50

Finish—Same as under Nos. 42 and 45.

Note.—In old work a metal wall box is unnecessary, and we furnish a wood wall box without charge, and excepting in piped new work the wood wall box will answer in all cases, since the box serves only to enclose and not to support any working mechanism. If metal wall box is wanted order should so state.

Exact Measurements and Wiring Instructions Sent Upon Request.



No. 3939.

I. B. X. SYSTEM.
INTERCOMMUNICATING BRANCH EXCHANGE COMMON BATTERY TELEPHONE SYSTEM, WITH ONE OR MORE TRUNK CONNECTIONS.

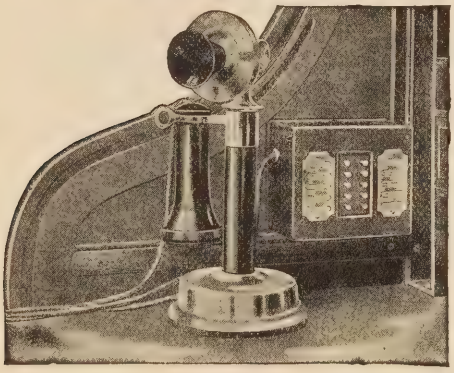
Special bulletin on this service will be sent upon request.

NO. 3939 (DARK OAK).

Code Word	List No.	Mfrs. No.		List Price
Zafidop	39067		10 button	$19.50
Zafidor	39068		16 button	22.50
Zafidos	39069		20 button	24.50
Zafidot	39070		Short adjustable arm, extra	1.00

Above telephone supplied with transmitter and without receiver, if desired, in which case:

Zafidov	39071		Deduct from list price for size ordered	$3.50



No. 6666.

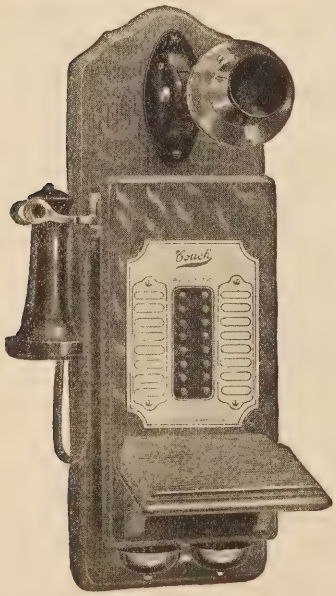
NO. 6666, DESK SET WITH NO. 8585 DESK SWITCH.

This combination is generally used as a main station outfit in the I. B. X. System, but may also be and frequently is used as substation set.

The price of the No. 8585 Desk Switch is found on the preceding page.

The price of the desk set No. 6666 for this system follows and should be added to the price of the switch for complete cost:

Zafidow	39072	6666	With two wire cord	$12.00
Zafldox	39073		With four wire cord	12.00
Zafidoy	39074		Without transmitter, receiver or ind. coil.	8.50



No. 7777.

NO. 7777 (DARK OAK).

This set has adjustable arnsmitter arm and writing shelf.

Zafidoz	39075	10 button.....	$23.50
Zafidu	39076	16 button.....	26.50
Zafidub	39077	20 button.....	28.50
Zafiduc	39078	Without transmitter, receiver and ind. coil, deduct from list price for size ordered	3.50

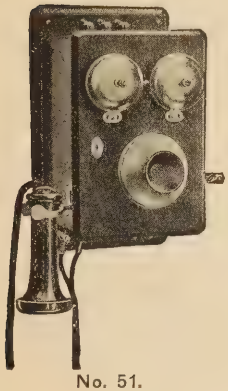
HOLDING RELAYS.

Zafidud	39079	For 1 trunk line in black finish box.....	$4.50
Zafiduf	39080	For 2 trunk lin in black finish box	8.00

CHOKE COILS, MOUNTED IN WHITEWOOD BOX, SHELLACED.

Zafidug	39081	8 station equipment.....	$16.00
Zafiduh	39082	14 station equipment.....	28.00
Zafiduk	39083	18 station equipment.....	36.00

COUCH MAGNETO CALL TELEPHONES.



No. 51.

The component parts of these telephones are of the very best. The representative independent telephone exchanges of New England are largely, if not entirely, equipped with this manufacture of Magneto Call Telephones, a substantial and indisputable endorsement of the quality of workmanship and service.

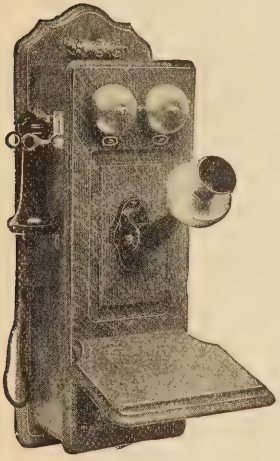
PONY TELEPHONE, STYLE 51.

Code Word.	List No.	Mfr. No.		List Price Each.
Zafifap	39096	512	3 Bar, 80 ohm	$15.00
Zafifar	39097	514	4 Bar, 1000 ohm	19.00

Batteries not supplied unless ordered.

No. 51 requires a separate location for batteries and for that reason the instrument is small.

COMPACT TELEPHONE, STYLE 50.

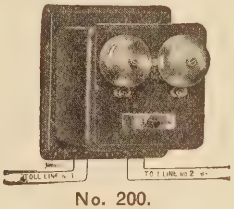


No. 50.

Zafifas	39098	504	4 Bar, 1000 ohm	22.00
Zafifat	39099	505	4 Bar, 1600 ohm	23.00
Zafifav	39100	506	5 Bar, 1600 ohm	24.00
Zafifaw	39101	507	5 Bar, 2000 ohm	25.00
Zafifax	39102	508	5 Bar, 2500 ohm	26.00

Two cells dry battery included in price.

No. 200.—TWO-LINE SWITCH.



No. 200.

Key normal leaves two lines connected with telephone bridged.

Key to right or left leaves bell on one line and telephone on the other.

Zafifay	39103	2002	1000 ohm ringer	11.60
Zafifaz	39104	2003	1600 ohm ringer	12.10
Zafife	39105	2004	2000 ohm ringer	12.60
Zafifeb	39106	2005	2500 ohm ringer	13.10

No. 4.

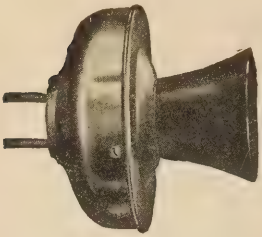
VILLAGE RINGER SWITCHBOARD, No. 4.

Zafifec	39107	Oak cabinet, with Operator's telephone which includes a 5-Bar Generator, No. 31 Transmitter, No. 6 Receiver, Fork Switch. Induction Coil, Operator's Plug and Cord, drilled and wired to Terminals for 8 lines	40.00

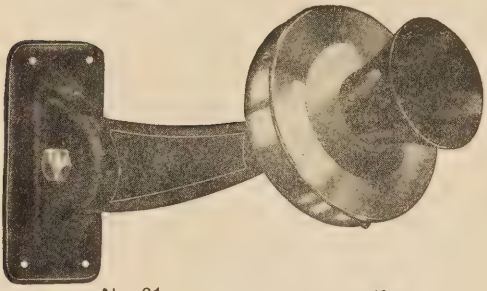
Each Line Equipment consisting of 1 Ringer, 1 Plug and Cord, 1 Jack and fitting, as follows:

Zafifed	39108	80 ohms	6.25
Zafifef	39109	1000 ohms	7.80
Zafifeg	39110	1600 ohms	8.30
Zafifeh	39111	2000 ohms	8.80
Zafifek	39112	2500 ohms	9.30

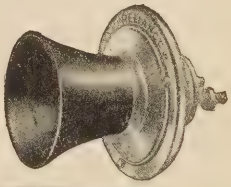
Note.—Each Ringer is fitted with gongs differing in tone from the others.



No. 30.



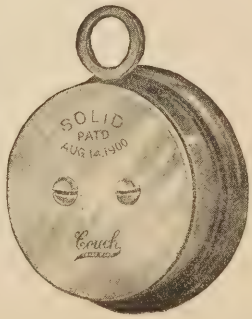
No. 31.



No. 90.

No. 465.

No. 6.



No. 466.

Couch
TELEPHONES

TRANSMITTERS—RECEIVERS.

No. 30.

LONG DISTANCE TRANSMITTER.

Code Word	List No.	Mfr. No.	
Zafifon	39155	305	$2.40

Like Cut No. 30.

Zafifop	39156	306	2.40

For flush work.

Zafifor	39157	307	3.00

For operator's use on switchboards, black finish.

Zafifos	39158	31	3.60

Same as No. 30 with arm.

Zafifot	39159	33	3.60

On short arm.

No. 90.

INTERIOR TRANSMITTER.

Zafifov	39160	905	$1.60

Like Cut No. 90.

Zafifow	39161	906	2.80

On long arm.

Zafifox	39162	907	2.80

On short arm.

Note.—Above transmitters will be supplied for local battery work unless otherwise ordered.

No. 466.

HEAD RECEIVER.

Zafifoy	39163	465	$4.00

With leather band.

Zafifoz	39164	465o	4.50

With split metal band.

Zafifu	39165	469	15.00

Double with cord, 1000 ohm each receives for wireless work.

No. 6.

LONG RECEIVER.

Zafifub	39166	6	$1.80

Including cord.

Zafifuc	39167	6a	1.60

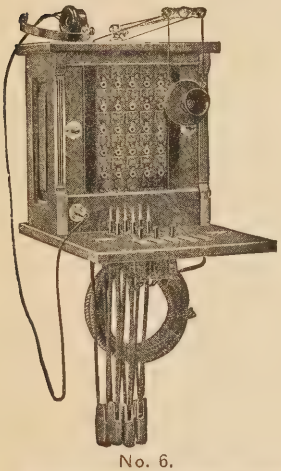
Without cord.

No. 466.

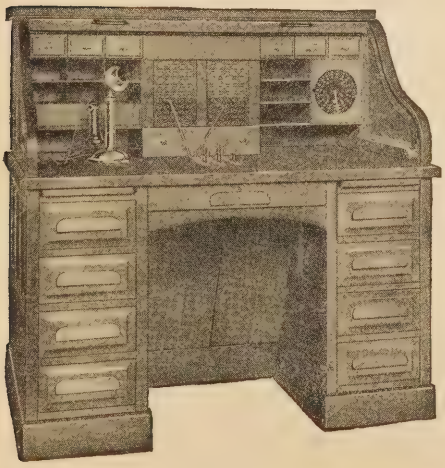
WATCH CASE RECEIVER.

Zafifud	39168	466	$1.40

No. 7.



No. 6.



No. 9.

Couch

TELEPHONE SWITCHBOARDS.

We are prepared to furnish standard and special switchboards for public or private exchange service in all capacities not requiring multiples.

Owing to the varied requirements we prefer to name net prices according to specifications, which we ask the customer to furnish, namely:

Style of cabinet.
Finish of woodwork.
Number of line equipments at present.
Additional line equipments to provide for.
Number of cord pairs at present.
Number of cord pairs to provide for.
Common battery or magneto service.
Lamps, target signals or drop signals.

No. 7.

This is the standard form of cabinet supplied to exchange companies.

Stock size cabinets are for 100 lines, the woodword is quarter sawed oak, dark golden finish. Equipped for any service.

Prices upon request.

No. 6.

A Desk Cabinet equipped, ready to mount on a flat top table or desk. Supplied with or without desk and for any service.

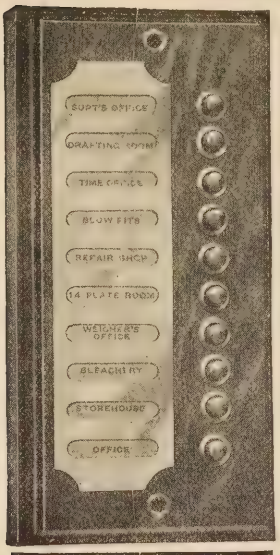
Prices upon request.

No. 9.

Made for a high school, having target signal line equipment and double supervisory cord equipment, as well as a fire alarm switch and desk telephone all within a roll top desk.

Prices upon request.

WOOD BASE "PUSHRITE"



No. 791.

Particularly suited to telephone work as a call board in connection with a desk telephone.

Code Word.	List No.	Mfrs. No.		List Price.
Zafigab	39191	790	6 button dark oak.....	$1.60
Zafigac	39192	791	10 button dark oak.....	2.50
Zafigad	39193	792	14 button dark oak.....	3.50
Zafigaf	39194	793	20 button dark oak.....	4.80

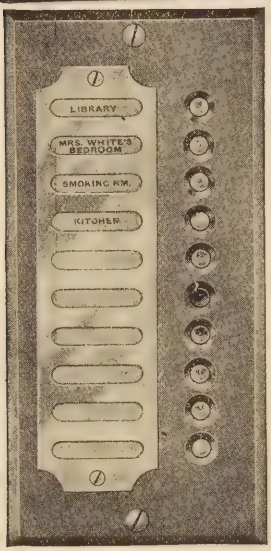
Special Woods and Finishes extra.

WEIGHTED BASE "PUSHRITE."

This is the same as the Wood Base, with the addition of a weighted felt covered base sufficient to retain it in any flat position, yet affording portability.

Zafigag	39195	794	6 button dark oak.....	$3.20
Zafigah	39196	795	10 button dark oak.....	4.00
Zafigak	39197	796	14 button dark oak.....	5.00
Zafigal	39198	797	20 button dark oak.....	6.50

Markings not included in above prices.



No. 799.

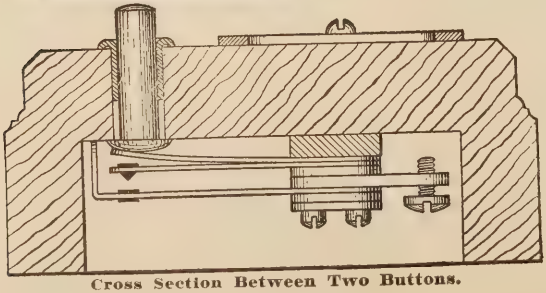
FLUSH "PUSHRITE."

For residences, offices and any place that a flush call button plate is desirable.

			Price List.	
Zafigam	39199	798	6 button 3x4½x⅛ in...	$2.20
Zafigan	39200	799	10 button 3x6¼x⅛ in...	3.50
Zafigap	39200	7901	15 button 3x8 x⅛ in...	4.90
Zafigar	39201	7902	20 button 3x10⅝x⅛ in..	6.80

Old Brass, Brush Brass or Nickel.

Other finishes extra, depending upon kind and quality.



Cross Section Between Two Buttons.

PUSHRITE FEATURES.

Sterling silver wiping contacts.
German silver contact springs.
Brass connector with brass machine screw to bind wire.
Buttonhole eyeleted to prevent sticking.
Directory plate with slots opposite each button for typewritten or printed list of names, and celluloid protecting slip.

The line springs are formed at right angles on button end and are under tension toward button at the same time preventing line wires from crowding the contact spring together.
The double spring gives life and easy action.
The common side is the brass bar upon which each set of button springs is mounted with machine screws.

WIRING SPECIALTIES.

BLAKE INSULATED STAPLES.

No. 27382.

No. 27383.

No. 27384.

No. 27385.

Designed for use on all low voltage circuits of interior wiring, such as telephone, telegraph, messenger call, annunciator and bell work. These are a standard, square-shouldered Staple, having good driving qualities. The fibre insulation on these Staples cannot come off in driving.

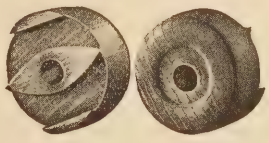
The double thickness of insulation, under the head of the Staple, gives a large surface of contact with the wire to stand mechanical strain.

The Staple can be driven over two or more wires without danger of causing a cross.

The insulation on these Staples gives an added protection from leaks on grounds on the wiring. When used in damp places it also protects the braiding on the wire from rust or corrosion of the Staple.

Code Word.	List No.		Per Package. of 100.	1000 to 4000.	5000 to 9000.	10000 and Over.
Zabamav	27382	No. 1 Staples.....	$0.15	$1.45 per M.	$1.40 per M.	$1.30 per M.
Zabamaw	27383	No. 3 Staples.....	.15	1.45 per M.	1.40 per M.	1.30 per M.
Zabamax	27384	No. 5 Staples.....	.17	1.60 per M.	1.55 per M.	1.45 per M.
Zabamay	27385	No. 7 Staples.....	.17	1.60 per M.	1.55 per M.	1.45 per M.

BLAKE COMPRESSED CLEATS.



Designed for use on all low voltage circuits of interior wiring, such as telephone, telegraph, messenger call, annunciator and bell work where such circuits are run over plastering or other places where Blake Staples cannot be used.

These are compressed Cleats treated so as to be impervious to dampness and moisture.

These Cleats will not break under the blow of a hammer, so that wire nails can be used as well as screws. This enables a saving to be effected in both material and labor.

Zabamaz	27386	Single packages, 100 cleats.....	.35
Zabame	27387	1000 to 4000, per M.....	2.75
Zabameb	27388	5000 to 9000, per M.....	2.65
Zabemec	27389	10000 to 49000, per M.....	2.50
Zabemed	27390	50000 and over, per M.....	2.40

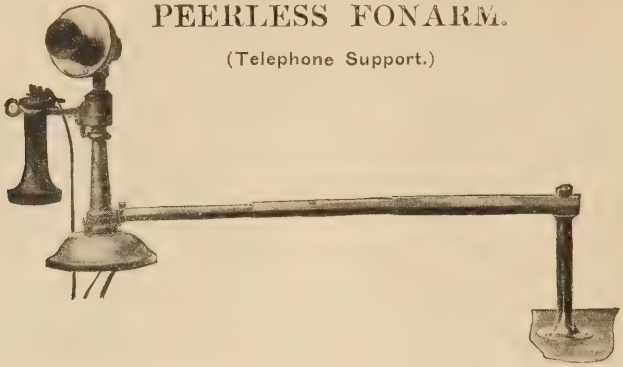
LEATHER NAIL HEADS.

A small leather ring or washer. For use with porcelain insulators and cleats where it is desired to fasten them with nails instead of screws.

Zadesod	27391	Small size, 1 lb. boxes; per box.....	.50
Zadesof	27392	Large size, 1 lb. boxes; per box.....	1.00

PEERLESS FONARM.

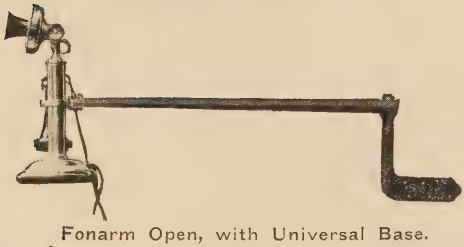
(Telephone Support.)



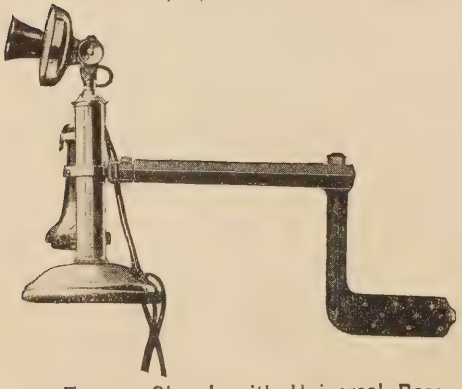
Showing Old Style Telephone Attached, and also Upright Base Screwed on Window Sill, or Table.

Closed.

Open.



Fonarm Open, with Universal Base.



Fonarm Closed, with Universal Base.

It is composed of three special and highly nickel finished tubes telescoping into each other.

It swings on a base which may be fastened to a flat or roll-top desk, wall or window sill.

It holds the telephone instrument by a neat, self-locking collar.

It is simple in construction and operation and has no spring or rivets, or intricate or delicate parts.

It is complete in itself and requires no additional attachments.

When closed it is eight inches long, and it may be opened to twenty-seven inches and swings around a complete circle, permitting the telephone to be placed in any angle or position desired.

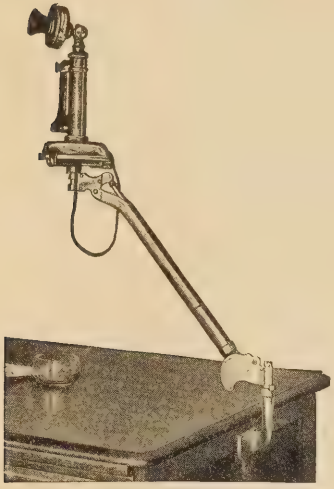
It saves valuable desk or table space.

It carries the telephone in front of you when wanted, and away from you when not in use.

It is universally recognized as the best telephone support made.

Code Word.	List No.		List Price Each.
Zadacog	26731	Nickel Plated Fonarm, with enamel base	$4.00
Zadacoh	26732	Nickel Plated Fonarm, with nickel plated base	5.00

THE EQUIPOISE ADJUSTABLE TELEPHONE ARM.



On the End of Flat Top Desk, $4.00.

THE STANDARD OF THE WORLD.—SAVES ALL DESK ROOM.

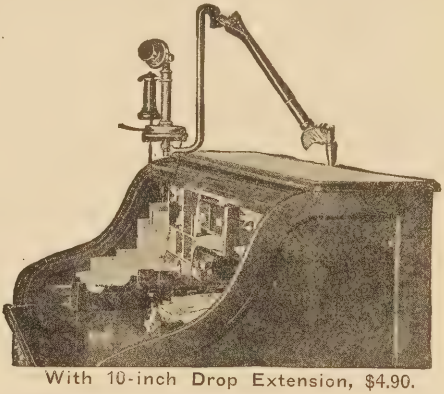
Avoids disturbing papers or upsetting inkwell to use the 'phone.

Keeps the instrument out of the way, yet always accessible—you talk either in sitting or standing position.

Operated by a touch of the finger.

No danger of telephone falling and breaking.

Perfectly self-balancing in any position.



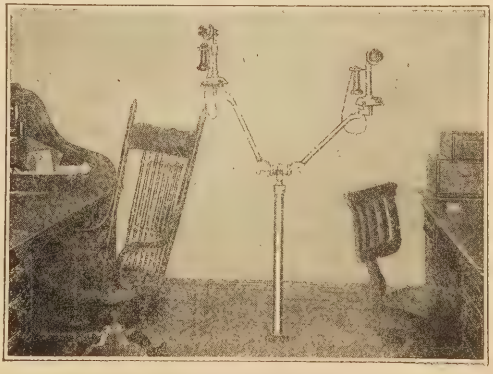
With 10-inch Drop Extension, $4.90.

Code Word.	List No.		List Price Each.
Zacegok	17772	No. 1. 24-in. arm complete, hard rubber finish.	$4.00
Zacegol	17773	Full nickel finish, extra.....	.50
Zacegom	17774	No. 2. 3-in. link extension	.35
Zacegon	17775	No. 3. 6-in. link extension	.50
Zacegop	17776	No. 4. 12-in. link extension	.75
Zacegor	17777	No. 5. 10-in. drop extension	.90
Zacegos	17778	No. 6. 15-in. drop extension	1.00
Zacegot	17779	No. 7. 17-in. drop extension	1.10
Zacegov	17781	No. 8. Special drop clamp for use with 'phones having straight tubular upright (when furnished in place of regular tripod, no charge), otherwise	.50
Zagapim	43359	No. 9. Double Yoke for two arms on one pivot	.50
Zagapin	43360	No. 10. Triple Yoke for three arms on one pivot	.65
Note.—Either of these yokes furnished Free with two or more arms, in place of the desk brackets.			
Zagapip	43361	No. 11. Floor stand for 1, 2 3 arms ,,,,,,,	2.50

The EQUIPOISE can be attached to any kind of a desk or table, to a wall, post, window-casing, upper or lower side of a shelf—anywhere you want to put it. Our universal attaching device is easily fastened in any one of five different positions.

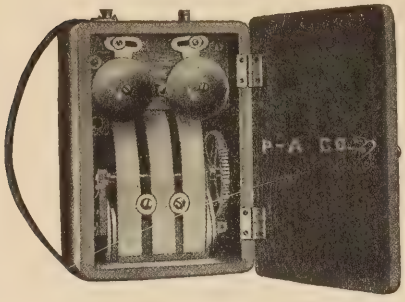
Used just as readily where there are two telephones as where there is only one.

Detail illustrations of different combinations upon request.



For Two 'Phones with Floor Stand, $10.00.

TESTING MAGNETO BELLS.



No. 45178.

MAGNETO TESTING BELLS.

These bells are first class in every respect and are guaranteed to ring through the resistance specified. Binding posts are made to take No. 4 wire. Boxes are of oak, and average weight of instrument is 10 pounds.

Straps are sent without extra charge.

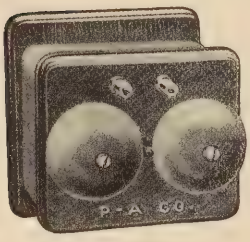
Code Word.	List No.		List Price, Each.
Zoxek	45178	To ring through 10,000 ohms	$8.50
Zoxel	45179	To ring through 15,000 ohms	9.00
Zoxem	45180	To ring through 25,000 ohms	10.00
Zagasos	45162	To ring through 35,000 ohms	11.00
Zagasot	45163	To ring through 50,000 ohms	12.00

No. 45184.

MAGNETO BELLS.

These bells are specially adapted for telephone work, are reliable and have mechanism of superior quality. Oak cases are used, which are well made and finished.

Zoxes	45184	Pony; rings through 5,000 ohms	7.00
Zoxet	45185	Standard; rings through 10,000 ohms	8.00
Zoxev	45186	Standard; rings through 15,000 ohms	8.50
Zoxew	45187	Standard; rings through 20,000 ohms	9.50



No. 45188.

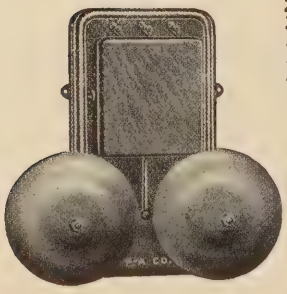
EXTENSION BELLS.

Used in connection with telephones where an extra bell is wanted at a point where the regular call cannot be heard.

Zoxex	45188	Standard Ringer Coils, 80 ohms	3.40
Zoxez	45189	Standard Ringer Coils, 160 ohms	4.00
Zoxi	45190	Bridging Ringer Coils, 500 ohms	5.00
Zoxib	45191	Bridging Ringer Coils, 1,000 ohms	6.00
Zoxid	45192	Bridging Ringer Coils, 1,600 ohms	7.00

LOUD RINGING EXTENSION BELLS.

Zoxif	45193	Series, 6-in. gong, 80 ohms	10.80
Zoxig	45194	Bridging, " " 1,000 "	11.40
Zozih	45195	" " " 1,600 "	11.80
Zoxik	45196	" " " 2,000 "	12.00
Zoxil	45197	" " " 2,500 "	12.40



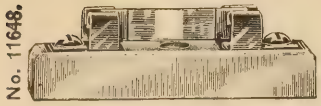
No. 45193.

LINEMAN'S PORTABLE TESTING SET.

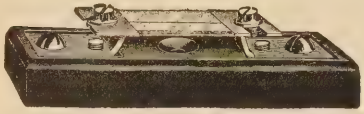
This set is provided with a hand microtelephone, standard generator, ringer, induction coil and two cells of dry battery; the whole is neatly fitted in an oak case, which is highly finished and fitted with metal corners and hand carrying strap.

Zoxen	45181	Lineman's Portable Testing Set, 80 ohm Series	30.00
Zoxep	45182	Lineman's Portable Testing Set, 1,000 ohm Bridging	32.50
Zoxer	45183	Lineman's Portable Testing Set, 1,600 ohm Bridging	33.00

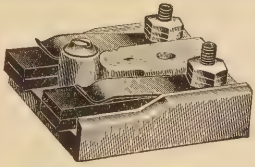
AMERICAN PROTECTORS.



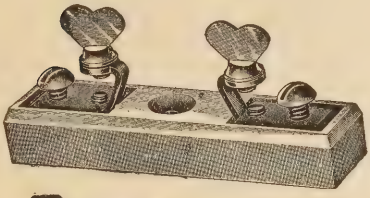
No. 11648.



No. 11649.

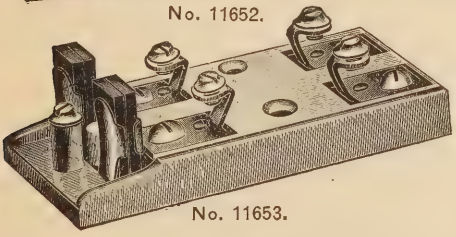


No. 11650.



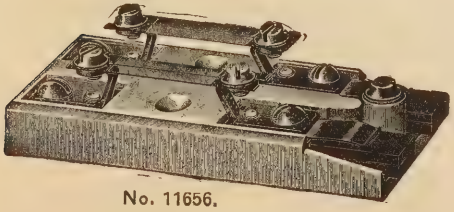
No. 11651.

No. 11652.



No. 11653.

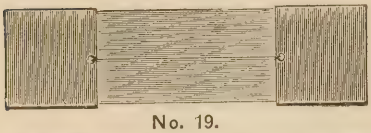
No. 11655.



No. 11656.

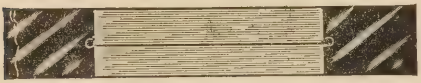
Code Word.	List No.	Mfr. No.	List Price, Each.
Zabucit	11648	18.....	$0.08
Zabuciv	11649	20.....	.09
Zabuciw	11650	23.....	.15
Zabucix	11651	39.....	.10
Zabuciy	11652	47.....	.12
Zabuciz	11653	59 Postal Style	.20
Zabuco	11654	57 Same as above W. U. Style..	.20
Zabucob	11655	86.....	.20
Zabucoc	11656	89.....	.20

AMERICAN MICA FUSES.

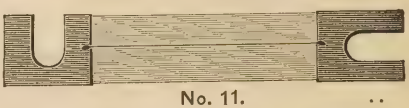


No. 19.

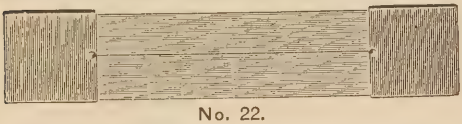
No. 21.



No. 8.



No. 11.



No. 22.

No. 137.

All Fuses packed 50 in a box.

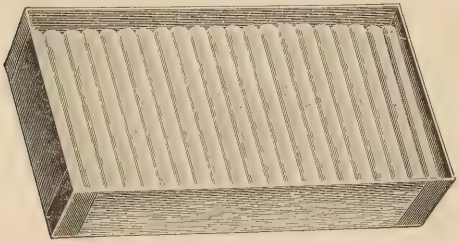
When ordering always specify amperage wanted, and give style number under cut.

No. 25.

Code Word.	List No.		List Price, per 100.
Zabucut	11683	Copper Terminals	$1.25
Zabucuv	11684	Foil Terminals	1 . .

AMERICAN PAPER SLEEVES.

Used for the insulation of cables. Packed 100 per box. Standard length three inch. Furnished in any length and diameter desired. Hand made.



			Per 1,000.
Zabucuw	11685	3 inch long	.75
Zabucux	11686	18 inch long	3.75

AMERICAN JOINTS FOR COPPER AND IRON WIRE.

COMBINATION JOINTS.

Both Steel and Copper.

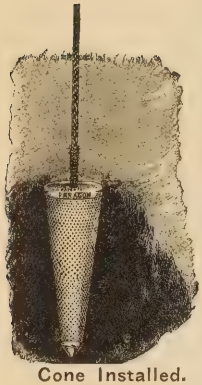
14 x 18
12 x 14
10 x 14
10 x 16
10 x 18

SPLIT JOINTS.

10 x 12
12 x 16
14 x 16
14 x 18
12 x 18

Prices quoted on application.

CONSTRUCTION SUPPLIES.



Cone Installed.

Shaded Portion Shows Moist Earth.

PARAGON GROUND CONE.

"Just Bore a Post Hole and Drop It In."

The Paragon Ground Cone is conical in shape, made of a perforated sheet of pure copper; cone is filled with pea size charcoal or coke, as desired. The charcoal absorbs moisture by capillary attraction, keeping the earth around the cone always moist, insuring a perfect and permanent ground.

The great majority of direct and alternating current systems should be grounded.

The Revised Code of the National Board of Fire Underwriters requires that the neutral of a three wire Direct Current system be grounded every 500 feet in overhead systems.

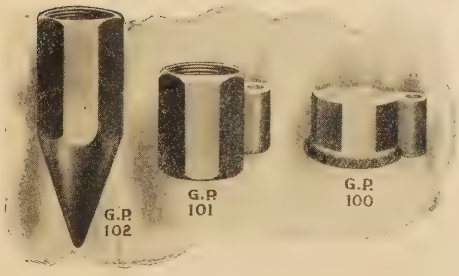
In Alternating Current system the transformer secondaries should be grounded, and when transformers feed systems with a neutral wire the neutral wire must also be grounded at least every 250 feet for overhead systems and every 500 feet for underground systems.

The cone is very easy and economical to install. It is necessary only to bore a hole with an ordinary post hole auger and drop the cone in. The cone has been subjected to very severe tests and has always proved itself perfectly adapted to the purpose for which it is intended.

Code Word.	List No.	Mfr. No.	Length.	Gauge Copper.	List Price Each.
Zacilox	723	1	1 Foot	No. 25	$2.50
Zaciloy	724	2	2 Feet	No. 25	3.50
Zaciloz	725	3	1 Foot	No. 21	3.00
Zacilu	726	4	2 Feet	No. 21	4.00

Nos. 1 and 2 are for telephone and telegraph construction.

Nos. 3 and 4 are recommended for electric light construction.



COPPER GROUND PLATES.

We furnish Copper Ground Plates in any size and thickness required.

PRICES QUOTED ON APPLICATION.

GROUND PIPE FITTINGS AND PLATES.

One of the cheapest and most durable methods of grounding is by a ground pipe. These may be driven into the earth; or, if the soil will not permit driving, a hole may be dug at the foot of the pole to receive same. The pipe should extend upward along the pole for 8 to 12 feet above the ground, to prevent cutting or removing the wire, and the ground wire soldered to a cap on the upper end of the pipe. The pipe should extend from 8 to 10 feet below the surface, where it will be in damp earth the year through.

For this purpose we make the ground point fitting illustrated herewith. These are tapped for use with ¾-inch iron pipe, and consist of the brass cap with lug for soldering in ground wire from the arrester, and malleable iron driving point with dipped galvanized finish.

Zacilub	720	50079	Brass Cap	1 7/8 x 1 x 1 9/16	.50
Zaciluc	721	50081	Malleable Point	3 1/2 x 1 7/16 x 1 7/16	.50
Zacilud	722	50082	Grey Iron Plate	12 x 12 x 3/4	1.20

LIGHTING FIXTURES

Announcement

With the issue of this general catalog, Pettingell-Andrews Company announces a new policy regarding the cataloging of lighting fixtures manufactured by this company.

Growth of Fixture Business

Our original intention, as in the past, was to devote the latter part of this catalog to our extensive line of electric and combination fixtures. But, with the rapid growth of our fixture business and the consequent increase in the number of lines and quantity of stock, carried or available, this would mean a volume far too bulky for even a reference catalog.

Special Fixtures Supplement Number 14

After careful consideration, it was decided that the trade would much prefer the listing and illustration of these lines in a *separate catalog devoted to lighting fixtures only*, and this catalog, entitled "Fixture Supplement to Number 14 Catalog," is now on the press. Such supplement will contain a liberal selection from our varied and complete lines of electric and combination fixtures, with special attention to our inexpensive and commercial lines.

New Fixture Catalog Number 5

In further development of our plan to provide our dealers with complete illustrations and selling information concerning our lighting fixtures, we have prepared at great expense the handsomest fixture catalog of broadest scope ever issued. Naturally, on account of expense, the edition of this catalog has been a limited one, and we have therefore been obliged to distribute the greater proportion among those dealers whose trade requirements practically demand this type of book.

What the Following Pages Contain

Accordingly, we have confined the following pages to illustrations and prices of a few of the most popular and quick selling commercial fittings, canopies, clusters, reflectors, shades, insulating joints and rings, and glassware. To those who require a more complete showing of these commercial fixtures, particularly contractors, we suggest sending in at once requests to receive copies of "Fixture Supplement to Number 14 Catalog." As before stated, this Supplement is now on the press and will be ready for delivery in a few weeks.

BENJAMIN WIRELESS CLUSTERS.

National Electrical Code Standard.

No. 1711.

No. 1713.

No. 1717.

No. 1721.

No. 1727.

No. 1728.

No. 1733.

No. 1739.

No. 1744.

No. 1748.

No. 1747.

TYPE 8.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zagapir	1711	82	2 Light.....	10	$1.00

TYPE 2.

Zagapis	1712	22	2 Light.....	10	1.35
Zagapit	1713	23	3 Light.....	10	1.60

TYPE 1.

Zagapiv	1714	12	2 Light.....	10	1.60
Zagapiw	1715	13	3 Light.....	10	1.85
Zagapix	1716	14	4 Light.....	10	2.10
Zagapiy	1717	15	5 Light.....	10	2.35
Zagapiz	1718	16	6 Light.....	10	2.60

TYPE K.

Zagaruw	1735	13K	3 Light.....	10	1.85
Zagapo	1719	14K	4 Light.....	10	2.10
Zagapob	1720	15K	5 Light.....	10	2.35
Zagapoc	1721	16K	6 Light.....	10	2.60
Zagapod	1722	17K	7 Light.....	10	2.85

TYPE 7.

Zagapof	1723	72	2 Light.....	10	2.60
Zagapog	1724	73	3 Light.....	10	2.85
Zagapoh	1725	74	4 Light.....	10	3.10
Zagapok	1726	75	5 Light.....	10	3.35
Zagapol	1727	76	6 Light.....	10	3.60

TYPE 600.

Zagapom	1728	608	8 Light.....	10	5.00
Zagapon	1729	610	10 Light.....	10	5.60
Zagapop	1730	612	12 Light.....	10	6.20
Zagapor	1731	615	15 Light.....	10	8.00
Zagapos	1732	620	20 Light.....	10	10.00

TYPE 3.

Zagapot	1733	32	2 Light.....	10	1.60
Zagapov	1734	33	3 Light.....	10	1.85

TYPE 3K.

Zagapow	1735	33K	3 Light.....	10	2.00
Zagapox	1736	34K	4 Light.....	10	2.25
Zagapoy	1737	35K	5 Light.....	10	2.50
Zagapoz	1738	36K	6 Light.....	10	2.75
Zagapu	1739	37K	7 Light.....	10	3.00

TYPE 5.

Zagapub	1740	52	2 Light.....	10	1.60
Zagapuc	1741	53	3 Light.....	10	1.85
Zagapud	1742	54	4 Light.....	10	2.10
Zagapuf	1743	55	5 Light.....	10	2.35
Zagapug	1744	56	6 Light.....	10	2.60

TYPE 5K.

Zagapuh	1745	53K	3 Light.....	10	1.85
Zagapuk	1746	54K	4 Light.....	10	2.10
Zagapul	1747	55K	5 Light.....	10	2.35
Zagapum	1748	56K	6 Light.....	10	2.60
Zagapun	1749	57K	7 Light.....	10	2.85

Prices include flange for ⅜-in. iron pipe. Except Type 600, clusters may be ordered with cast-iron flange tapped for ½-in. pipe or with steel covers for 3-in. or 4-in. outlet boxes.

Cluster diameters are as follows: Type 8, 2½ in.; Type 2, 3 in.; Types 1, K, and 7, 4 in.; Type 600, 8 light, 6¾ in.; 10 to 12 light, 8¾ in.; 15 to 20 light, 11¾ in.; Type 3, 3⅜ in.; Type 3K, 4½ in.; Types 5 and 5K, 4 in.

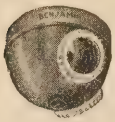
Series connected clusters, Types 1½ and 2½, may be ordered at the same price as Type 1 Multiple Clusters.

Separable wireless clusters, Types 5 and 5K, consist of two principal parts, separably connected, making it possible to attach or remove body portion or finished part without disturbing wiring connections.

Standard finish is polished brass. Brushed (old) brass, dead black, aluminum metal for weatherproof forms, may be substituted without additional charge; nickel, oxidized or mottled copper at 10% additional.

BENJAMIN LIGHTING SPECIALTIES.

No. 1750.



No. 1755.

PLUG CLUSTERS.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zagapup	1750	92	2 Light Multiple.....	10	$1.00
Zagapur	1751	93	3 Light Multiple.....	10	1.30
Zagapus	1752	94	4 Light Multiple.....	10	1.60
Zagaput	1753	92½	2 Light Series.....	10	1.00

No. 1757.

No. 1760.

WALL BRACKETS.

Zagapuv	1754	18	1 Light Multiple.....	10	.90
Zagapuw	1755	19	2 Light Multiple.....	10	.90
Zagapux	1756	19½	2 Light Series.....	10	.90

ANGLE SOCKETS.

Zagapuy	1757	411	1 Light, ⅛ in.....	10	.35
Zagapuz	1758	451	1 Light, ¼ in.....	10	.35
Zagara	1795	431	1 Light, ⅜ in.....	10	.40

No. 1766.

No. 1769.

TWIN SOCKETS.

Zagarab	1760	412	2 Light Multiple, ⅛ in...	50	.65
Zagarac	1761	452	2 Light Multiple, ¼ in...	50	.65
Zagarad	1762	432	2 Light Multiple, ⅜ in...	50	.70
Zagaraf	1763	412½	2 Light Series, ⅛ in.....	50	.65
Zagarag	1764	452½	2 Light Series, ¼ in.....	50	.65
Zagarah	1765	432½	2 Light Series, ⅜ in.....	50	.70

No. 1772.

No. 1773.

ROTATING SOCKETS.

Zagarak	1766	9001	1 Light, unbalanced.....	25	.70
Zagaral	1767	9011	1 Light, inside balance....	25	.80
Zagaram	1768	9021	1 Light, outside.....	25	.90
Zagaran	1769	9002	2 Light Multiple.....	25	1.00
Zagarap	1770	9013	3 Light Multiple.....	25	1.30
Zagarar	1771	9024	4 Light Multiple.....	25	1.60

ATTACHMENT PLUG.

Zagaras	1772	903	Rotating Sleeve	100	.25

CURRENT TAPS.

Zagarat	1773	95	Multiple	50	.60
Zagarav	1774	95½	Series	50	.60

No. 1775.

No. 1776.

SOCKET EXTENSIONS.

Zagaraw	1775	91	Dipped Brass	50	.25

TUNGSTEN ADAPTER.

Zagarax	1776	99	Rotating Sleeve	25	.70

KEYLESS SOCKET.

Zagaray	1777	81	1 Light	50	.70

No. 1777.

No. 1778.

BENCO WEATHERPROOF SOCKET.

Zagaraz	1778	4200	Aluminum Shell, ½ in..	50	.70
Zagare	1779	4201	Aluminum Shell, ⅜ in..	50	.70
Zagareb	1780	4202	Brass Shell, ½ in.....	50	.70
Zagarec	1781	4203	Brass Shell, ⅜ in.....	50	.70
Zagared	1782	4201M	Aluminum Shell, ⅜ in. male	50	.80

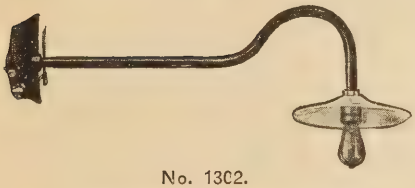
Rotating sockets, attachment plugs, current taps, and Tungsten adapters have rotating sleeve, attaching and fixing the device in any position without turning it.

Benco with 2¼-in. or 3¼-in. holder may be ordered at an advance of 20 and 35 cents list, respectively.

Unless otherwise specified, standard metal finish is polished brass. For nickel plating add 10%; except in case of rotating sockets, where an additional 10 cents list is charged.

BENJAMIN WATERPROOF FIXTURES.

No. 1300.



No. 1302.

No. 1304.

No. 1308.

No. 1315.

No. 1324.

STYLE 41.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zagarew	1300	4101	1 Light.....	10	$1.70
Zagarex	1301	4151	1 Light.....	10	2.70

STYLE 51.

Zagarey	1302	5101	1 Light.....	10	2.60
Zagarez	1303	5151	1 Light.....	10	3.60

STYLE 402.

Zagari	1304	4022	2 Light Multiple	10	3.25
Zagarib	1305	4023	3 Light Multiple	10	3.50
Zagaric	1306	4022½	2 Light Series.	10	3.50
Zagarid	1307	4023½	3 Light Series.	10	3.75

STYLE 502.

Zagarif	1308	5022	2 Light Multiple	10	4.15
Zagarig	1309	5023	3 Light Multiple	10	4.40
Zagarih	1310	5022½	2 Light Series.	10	4.40
Zagarik	1311	5023½	3 Light Series.	10	4.65

STYLE 601.

Zagaril	1312	6012	2 Light Multiple	10	4.05
Zagarim	1313	6013	3 Light Multiple	10	4.30
Zagarin	1314	6014	4 Light Multiple	10	4.55
Zagarip	1315	6015	5 Light Multiple	10	4.80
Zagarir	1316	6016	6 Light Multiple	10	5.05
Zagaris	1317	6012½	2 Light Series.	10	4.05
Zagarit	1318	6013½	3 Light Series.	10	4.30
Zagariv	1319	6014½	4 Light Series.	10	4.55
Zagariw	1320	6015½	5 Light Series.	10	4.80

STYLE 501.

Zagarix	1321	5012	2 Light Multiple	10	4.40
Zagariy	1322	5013	3 Light Multiple	10	4.65
Zagariz	1323	5014	4 Light Multiple	10	4.90
Zagaro	1324	5015	5 Light Multiple	10	5.15
Zagarob	1325	5016	6 Light Multiple	10	5.40
Zagaroc	1326	5012½	2 Light Series.	10	4.40
Zagarod	1327	5013½	3 Light Series.	10	4.65
Zagarof	1328	5014½	4 Light Series.	10	4.90
Zagarog	1329	5015½	5 Light Series.	10	5.15

Nos. 4101 and 5101 have 10-in. enameled steel reflectors; all others, 15 in.

Style 41 consists of weatherproof aluminum socket and enameled steel reflector, both tapped for ½-in. pipe.

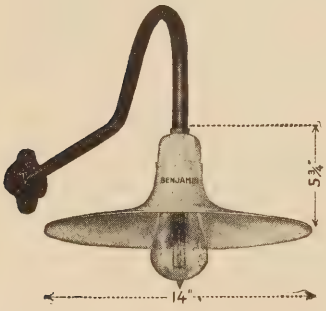
Styles 51, 502 and 501 include weatherproof aluminum socket or cluster, 30-in. gooseneck of ½-in. iron pipe, pole fitting, and enameled steel reflector.

Styles 402 and 601 have flange tapped for ½-in. pipe bolted to the cluster back. Reflector between is protected by two rubber gaskets, securing a watertight joint.

Style 601 has standard 8-in. stem and suspension fittings. Standard finish is polished aluminum.

BENJAMIN MAZDA FIXTURES.

No. 1785.
Standard Finish—Brushed Brass.
23" Over All.



No. 1794.
20" Over All.

No. 1792.
Standard Finish—Brushed Brass.
20" Over All.

STYLE 50.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zagaref	1783	T52	2 Light.....	10	$7.40
Zagareg	1784	T53	3 Light.....	10	7.70
Zagareh	1785	T54	4 Light.....	10	8.00
Zagarek	1786	T55	5 Light.....	10	8.30

SERIES MAZDA FIXTURES.

Zagarel	1787	0632½	2 Light, with 12-in. iron pipe stem and shock absorber	10	4.40
Zagarem	1788	0634½	4 Light, with 12-in. iron pipe stem and shock absorber	10	4.90
Zagaren	1789	0532½	2 Light, with 12-in. stem of ⅜-in. iron pipe, ¾-in. brass casing, canopy and shock absorber....	10	5.30
Zagarep	1790	0534½	4 Light, with 12-in. stem of ⅜-in. iron pipe, ¾-in. brass casing, canopy and shock absorber....	10	5.80

MAZDA REFLECTOR SOCKETS (GOOSENECK).

Zagaret	1793	5401	Reflector and socket only	10	2.25
Zagarev	1794	5411	Reflector and socket complete, with 30-in. gooseneck (½ in.), and wall fitting	10	3.15

MAZDA REFLECTOR SOCKETS (PENDANT).

Zagarer	1791	6001	Reflector and socket with 12-in. stem of ⅜-in. iron pipe and shock absorber	10	2.75
Zagares	1792	6021	Reflector and socket with 12-in. stem of ⅝-in. brass tubing, 5 in. by 4 in. canopy, and crowfoot.	10	3.05

Style 50 fixtures have cluster body, enameled steel reflector plate, 15-in. stem of ⅜-in. iron pipe and ¾-in. brass casing, 18-in. opal reflector, 5 in. by 4 in. canopy, and crowfoot. Four-light series fixtures for low-voltage street series lamps with standard base will be furnished without change in price; 100-watt lamps may be used. For shock absorber add 45 cents list.

Series Mazda fixtures are designed for 50- and 100-watt street series lamps with standard base. The filament of these lamps is heavy, strong, and durable. Prices are less wires and lamps. A four-light fixture will furnish more useful light than a 6-ampere arc.

The Pendant Mazda Reflector Sockets have 14-in. deeply hooded enameled steel reflector with either 12-in. stem of ⅜-in. iron pipe, and shock absorber, or 12-in. stem of ⅝-in. brass tubing, 5 in. by 4 in. canopy, and crowfoot. Chief among their advantages is the fact that lamp and reflector are brought into proper relation. Gooseneck forms have ½-in. iron pipe, and overhang 30 in.

BENJAMIN WIRELESS CLUSTER MAZDA FIXTURES.

No. 1333.
Standard Finish — Brushed Brass—20″ Over All.

OPAL REFLECTOR STYLE.

(18-inch Reflector.)

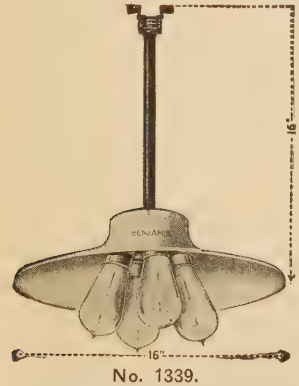
Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zagaroh	1330	0332	2 Light.....	10	$5.50
Zagarok	1331	0333	3 Light.....	10	5.75
Zagarol	1332	0334	4 Light.....	10	6.00
Zagarom	1333	0335	5 Light.....	10	6.25

No. 1335.
Standard Finish — Brushed Brass—20″ Over All.

OPAL REFLECTOR STYLE.

(16-inch Reflector.)

Zagaron	1334	0732	2 Light Multiple....	10	4.50
Zagarop	1335	0733	3 Light Multiple....	10	4.75



No. 1339.
Standard Finish — Brushed Brass—20″ Over All.

HOODED ENAMELED STEEL REFLECTOR STYLE.

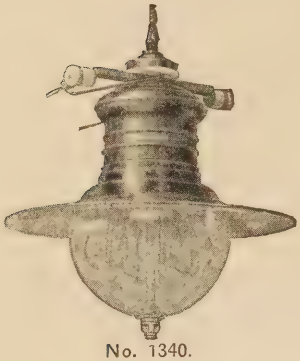
Zagaror	1336	0532	2 Light.....	10	4.55
Zagaros	1337	0533	3 Light.....	10	4.80
Zagarot	1338	0534	4 Light.....	10	5.05
Zagarov	1339	0535	5 Light.....	10	5.30

The Opal Reflector style fixtures have cluster body, standard 12-in. stem of ⅜-in. iron pipe and ¾-in. brass casing, special deep holder, either 18-in. or 16-in. flat opal reflector, 5 in. by 4 in. canopy, and crowfoot. Five-light fixtures will take 60-watt lamps; other fixtures, 100-watt lamps.

The Hooded Enameled Steel Reflector fixtures (open style) have cluster body, standard 12-in. stem of ⅜-in. iron pipe and ¾-in. brass casing, 16-in. deeply hooded enameled steel reflector, 5 in. by 4 in. canopy, and crowfoot; 60-watt lamps may be used. Four-light fixtures with 18-in. reflector for 100-watt lamps will be furnished at an advance of 30 cents list. For shock absorber add 45 cents list.

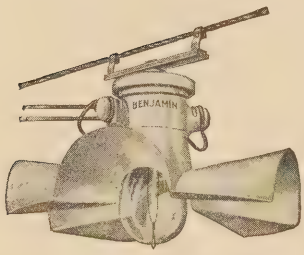
The Hooded Enameled Steel Reflector fixtures (enclosed style) have aluminum cluster shell, standard 8-in. stem of ½-in. iron pipe, separable suspension fitting, 18-in. enameled steel reflector, 11-in. glass globe, and globe support; 60-watt lamps may be used. For shock absorber add 10 cents list.

BENJAMIN MAZDA FIXTURES.



No. 1340.

No. 1344.



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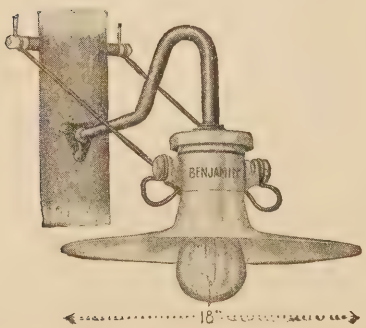


No. 1356.

SUSPENSION STREETLITES.

Complete.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Price Each.
Zagarow	1340	T74	4 Light.....	10	$14.00
Zagarox	1341	T75	5 Light.....	10	14.30

Without Globe and Holder.

Zagaroy	1342	T744	4 Light.....	10	11.50
Zagaroz	1343	T745	5 Light.....	10	11.80

MAST ARM STREETLITES.

Complete.

Zagaru	1344	T714	4 Light.....	10	14.00
Zagarub	1345	T715	5 Light.....	10	14.30

Without Mast Arm.

Zagaruc	1346	T724	4 Light.....	10	10.00
Zagarud	1347	T725	5 Light.....	10	10.30

Without Mast Arm, Globe and Holder.

Zagaruf	1348	T734	4 Light.....	10	7.50
Zagarug	1349	T735	5 Light.....	10	7.80

PARABOLITES.

Complete.

Zagaruh	1350	121	2 Way.....	10	10.50
Zagaruk	1351	141	4 Way.....	10	10.50

Without Suspension Strap.

Zagarul	1352	1221	2 Way.....	10	10.00
Zagarum	1353	1441	4 Way.....	10	10.00

With 48-inch Gooseneck and Pole Fitting.

Zagarun	1354	1231	2 Way.....	10	11.30
Zagarup	1355	1431	4 Way.....	10	11.30

STREET SERIES SOCKETS.

With 18-inch Reflector.

Zagarur	1356	1521	48-in. gooseneck and pole fitting	10	10.30
Zagarus	1357	1531	Suspension strap.....	10	9.50
Zagarut	1358	1541	Less suspension strap.	10	9.00

Suspension Streetlites have 20-in. high grade porcelain, enameled steel reflector and 12-in. glass globe. The latter may be removed, or suspended, and held in position by means of a rod passing through the hollow support. An inside white enameled reflector assists in the downward radiation of light; 100-watt lamps may be used. The Mast Arm Streetlites have 3-foot mast arm of ¾-in. iron pipe, with wires, head, flange, chain and attaching terminals. Extra length up to 8 foot, including chain and wire, lists at $1.20 per foot.

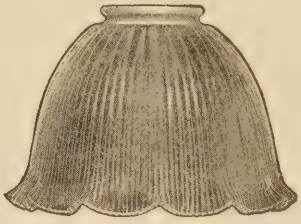
The Parabolite is a scientifically constructed street light for use with street series Mazda lamps. It is furnished with two forms of reflector: (1) an 18-in. porcelain, enameled steel reflector of four semi-parabolas for street intersections; (2) a form consisting of two semi-parabolas for use in the middle of the block. The support is tapped for ¾-in. iron pipe.

Street Series Sockets consist primarily of a large porcelain body with integrally formed knobs, a simple, short-circuiting device and film cut-out which is removable at will with the lower portion of the socket, and a supporting casting tapped for a ¾-in. pipe.

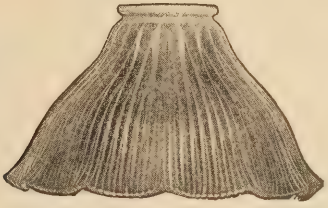
HOLOPHANE REFLECTORS.

FOR HIGH EFFICIENCY LAMPS.

Intensive.



Extensive.



Focusing.

PRICES AND DATA.

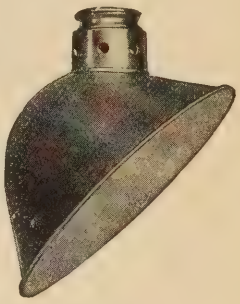
No.	Std. Qty.	No. in Unbroken Package.	Approx. Wt. Unbroken Package.	Diameter Inches.	Height Inches.	Holder Inches.	Mazda or Tungsten	List Price Each.
E- 25	40	20	28	5⅞	3⅞	2¼ O	25 Watt	$1.31
E- 40	30	10	19	6¼	4½	2¼ O	40 Watt	1.45
E- 60	30	10	23	7	5	2¼ H	60 Watt	1.56
E-100	30	10	29	8	5⅝	2¼ H	100 Watt	2.10
E-150	20	10	54	10⅝	6½	3¼ A	150 Watt	4.35
E-250	12	6	51	12	7¾	3¼ A	250 Watt	5.36
I- 25	40	20	34	6	4	2¼ O	25 Watt	1.31
I- 40	30	10	25	6¾	4½	2¼ O	40 Watt	1.45
I- 60	30	10	28	7	5¼	2¼ H	60 Watt	1.56
I-100	30	10	29	7⅞	5¾	2¼ H	100 Watt	2.10
I-150	20	10	54	11	6	3¼ A	150 Watt	4.35
I-250	12	6	51	12¼	7¼	3¼ A	250 Watt	5.36
F- 25	40	20	35	6⅝	3⅞	2¼ O	25 Watt	1.31
F- 40	30	10	25	7⅛	4⅛	2¼ O	40 Watt	1.45
F- 60	30	10	29	7⅞	5	2¼ H	60 Watt	1.56
F-100	30	10	30	8¾	5⅝	2¼ H	100 Watt	2.10
F-150	20	10	55	11¾	6¾	3¼ A	150 Watt	4.35
F-250	12	6	45	12½	7¾	3¼ A	250 Watt	5.36

For satin finishing add 10% to above prices, the minimum in no case being less than 3½ cents net per reflector.

HOLOPHANE D'OLIER STEEL REFLECTORS.

No. 72.
15 Degrees.

No. 74.
30 Degrees.



No. 76.
45 Degrees.

No. 135.

No. 78.

Mfr. No.	Standard Quantity.	Size Angle.	Diameter Inches	Depth Inches.	Holder.	Carbon Lamp.	List Price Standard Finish.	Each. Specia Finish
37H	50	Top	6	3¾	Extension	25 Watt	$0.85	$1.23
38H	50	Top	6	2¾	Clip Spring	25 Watt	.62	.89
57H	50	Top	6½	3	Extension	50 Watt	.95	1.30
58H	50	Top	6½	3	Clip Spring	50 Watt	.70	1.04
77H	30	Top	8	4¼	Extension	100 Watt	1.23	1.86
78H	30	Top	8	4¼	Clip Spring	100 Watt	.99	1.55
25H	50	Side	5⅝	2½	Clip Spring	25 Watt	.85	.85
35H	50	Side	6	2½	Extension	25 Watt	.90	1.24
55H	50	Side	6½	3	Extension	50 Watt	1.01	1.43
135H	50	Side	6	2½	Clip Spring	25 Watt	.62	.87
155H	50	Side	6½	3	Clip Spring	50 Watt	.70	1.07
30H	50	15	6	2½	Clip Spring	25 Watt	.62	.89
32H	50	15	6	2½	Extension	25 Watt	.86	1.23
50H	50	15	6½	3	Clip Spring	50 Watt	.70	1.04
52H	50	15	6½	3	Extension	50 Watt	.95	1.30
70H	30	15	8	4¼	Clip Spring	100 Watt	.99	1.55
72H	30	15	8	4¼	Extension	100 Watt	1.23	1.86
31H	50	30	6	2½	Clip Spring	25 Watt	.62	.89
34H	50	30	6	2½	Extension	25 Watt	.86	1.23
51H	50	30	6½	3	Clip Spring	50 Watt	.70	1.04
54H	50	30	6½	3	Extension	50 Watt	.95	1.30
71H	30	30	8	4¼	Clip Spring	100 Watt	.99	1.55
74H	30	30	8	4¼	Extension	100 Watt	1.23	1.86
36H	50	45	6	2½	Extension	25 Watt	.86	1.23
39H	50	45	6	2½	Clip Spring	25 Watt	.62	.89
56H	50	45	6½	3	Extension	50 Watt	.95	1.30
59H	50	45	6½	3	Clip Spring	50 Watt	.70	1.04
76H	30	45	8	4¼	Extension	100 Watt	1.23	1.86
79H	30	45	8	4¼	Clip Spring	100 Watt	.99	1.55

Note.—Nos. 78 and 135 illustrate clip spring holder; other cuts show extension holder. Holophane recommendations are based on lamps rated at top voltage.

"OPALUX" GLASSWARE.

No. 2549.

Code Word.	List No.	Mfr. No.	Barrel Quantity	Std. Pkg.	List Price Each.
Zaderef	2549	S1	84	12	$0.65

For use with 25 and 40 watt Tungsten lamps.

No. 2550.

Zadereg	2550	S2	66	12	.70

For use with 60 watt Tungsten lamp.

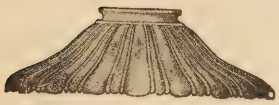
No. 2551.

Zadereh	2551	S3	54	12	.95

For use with 100 watt Tungsten lamp.

Zaderek	2552	S6	..	12	2.45

For use with 250 watt Tungsten lamp.



No. 2546.

Zadereb	2546	F1	72	12	.65

For use with 25 and 40 watt Tungsten lamps.

No. 2547.

Zaderec	2547	F2	48	12	.70

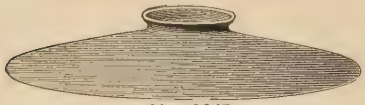
For use with 60 watt Tungsten lamp.

No. 2548.

Zadered	2548	F3	36	12	.90

For use with 100 watt Tungsten lamp.

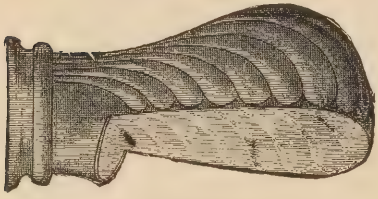
No. 8616.



No. 8615.

No. 8617.

No. 8618.



No. 8624.

No. 8635.

No. 8625.

GLASS SHADES.

Code Word.	List No.		List Price, Per Doz.
Zodem	8616	6 in. Fan Shaped, Flat..	$1.63
Zoden	43987	8 in. Fan Shaped, Flat..	2.00
Zodep	43988	10 in. Fan Shaped, Flat..	2.50
Zoder	8615	6 in. Plain, Flat.....	1.63
Zodes	43989	8 in. Plain, Flat.....	2.00
Zodet	43990	10 in. Plain, Flat.....	2.50
Zodev	43991	12 in. Plain, Flat.....	4.28
Zodew	43992	14 in. Plain, Flat.....	5.00
Zodex	43993	16 in. Plain, Flat.....	8.50
Zodez	43994	18 in. Plain, Flat.....	11.80
Zodi	43995	20 in. Plain, Flat.....	15.00
Zodib	8617	6 in. Deep, Fan Shape..	1.63
Zodid	43996	8 in. Deep, Fan Shape..	2.00
Zodif	8618	6 in Scalloped.....	1.63
Zodig	43997	8 in. Scalloped.....	2.00

HALF REFLECTOR SHADES.

Zodih	8624	Green glass, opal lined, 2¼-inch holder.....	6.00

STANDARD REFLECTOR SHADES.

Zodik	8635	7 in. x 3¼ in. Silver Bronze	15.00
Zodil	43998	7 in. x 3¼ in Green Bronze	15.00
Zodim	43999	7 in. x 3¼ in. Green Porcelain, Opal Lined.....	15.00
Zodin	44000	8 in x 3¼ in. Silver Bronze	20.00
Zodip	44001	8 in. x 3¼ in. Green Bronze	20.00

GREEN PORCELAIN SHADES.

White Opal Lined.

Zodir	8625	7-inch	5.00
Zodis	44002	10-inch	9.00

METAL SHADES AND REFLECTORS.

No. 10951.

MIRROR REFLECTORS.

Deep Cone Reflector.

Code Word.	List No.		List Price Each.
Zabotog	10950	7-in. for 2¼-in. shade holder	$0.90
Zaboton	10951	8-in. for 2¼-in. shade holder	.90
Zabotok	10952	10-in. for 2¼-in. shade holder	1.00
Zabotol	10953	10-in. for 3¼-in. shade holder	1.00
Zabotom	10954	12-in. for 2¼-in. shade holder	1.20
Zaboton	10955	12-in. for 3¼-in. shade holder	1.20

No. 10956.

Flat.

Zabotop	10956	8-in. for 2¼-in. shade holder	.85
Zabotor	10957	10-in. for 2¼-in. shade holder	.85
Zabotos	10958	10-in. for 3¼-in. shade holder	.85
Zabotot	10959	12-in. for 2¼-in. shade holder	1.00
Zabotov	10960	12-in. for 3¼-in. shade holder	1.00
Zabotow	10961	14-in. for 2¼-in. shade holder	1.20
Zabotox	10962	14-in. for 3¼-in. shade holder	1.20
Zabotoy	10963	16-in. for 2¼-in. shade holder	1.50
Zabotoz	10964	16-in. for 3¼-in. shade holder	1.50
Zabotu	10965	18-in. for 2¼-in. shade holder	2.00
Zabotub	10966	18-in. for 3¼-in. shade holder	2.00
Zabotuc	10967	20-in. for 3¼-in. holder or slip ⅜-in. iron pipe	2.75

No. 10968.

TIN SHADES.

Full Cone Shade.

Zabotud	10968	8-in. for 2¼-in. shade holder	2.25
Zabotuf	10969	10-in. for 2¼-in. shade holder	3.00
Zabotug	10970	12-in. for 2¼-in. shade holder	4.00
Zabotuh	10971	12-in. for 3¼-in. shade holder	4.00

No. 10972.

Flat Shade.

Zabotuk	10972	8-in. for 2¼-in. shade holder	1.75
Zabotul	10973	10-in. for 2¼-in. shade holder	2.25
Zabotum	10974	12-in. for 2¼-in. shade holder	3.00
Zabotun	10975	12-in. for 3¼-in. shade holder	3.00
Zabotup	10976	14-in. for 3¼-in. shade holder	4.25
Zabotur	10977	16-in. for 3¼-in. shade holder	5.50
Zabotus	10978	18-in. for 3¼-in. shade holder	7.00

No. 10979.

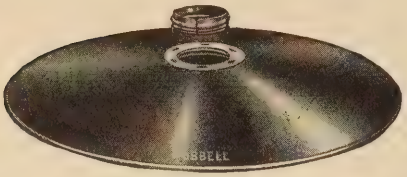
Shallow Cone Shade.

Zabotut	10979	8-in. for 2¼-in. shade holder	1.80
Zabotuv	10980	10-in. for 2¼-in. shade holder	2.35
Zabotuw	10981	12-in. for 2¼-in. shade holder	3.10
Zabotux	10982	12-in. for 3¼-in. shade holder	3.10

PORCELAIN ENAMELED STEEL SHADES.

				Green Outside. White Inside.	
Zacifom	19831	900	10 in. dia., ⅞ in. hole in center		.45
Zacifon	19832	901	16 in. dia., ⅞ in. hole in center		.95
Zacifop	19833	905	18 in. dia., ⅞ in. hole in center		1.15
Zacifor	19834	902	10 in. dia., with bushing for ⅜ in. iron pipe		.60
Zacifos	19835	903	16 in. dia., with bushing for ⅜ in. iron pipe		1.10
Zacifot	19836	904	18 in. dia., with bushing for ⅜ in. iron pipe		1.30
Zacifov	19837	907	10 in. dia., with bushing for ½ in. iron pipe		.60
Zacifow	19838	908	16 in. dia., with bushing for ½ in. iron pipe		1.10
Zacifox	19839	909	18 in. dia., with bushing for ½ in. iron pipe		1.30
Zacifoy	19840	925	10 in. to fit 2¼ in. shade holder		.50
Zacifoz	19841	926	16 in. to fit 3¼ in. shade holder		1.00
Zacifu	19842	906	18 in. to fit 3¼ in. shade holder		1.20

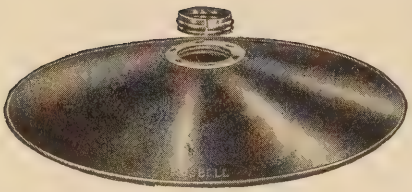
HUBBELL SHADES.



No. 45501.

FLAT TIN SHADES.

Code Word.	List No.	Mfr. No.		Std. Pkg.	List Pr. per Doz.
Zucuz	45439	5431	8 in.....	5 doz.	$2.50
Zuda	45500	5432	10 in.....	5 doz.	3.00
Zudab	45501	5433	12 in.....	5 doz.	4.40
Zudad	45502	5456	14 in.....	5 doz.	5.60
Zudaf	45503	5457	16 in.....	5 doz.	6.90
Zacofot	25009	5476	18 in.....	5 doz.	8.50



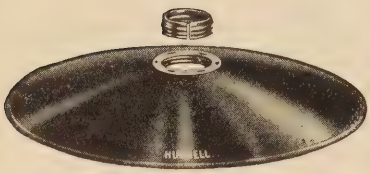
No. 45507.

FLAT ALUMINUM SHADES.

					Each.
Zudag	45504	5434	8 in.....	1 doz.	.85
Zudap	45510	5435	10 in.....	1 doz.	.95
Zudar	45511	5436	12 in.....	1 doz.	1.20
Zudas	45512	5458	14 in.....	1 doz.	1.50
Zudat	45513	5459	16 in.....	1 doz.	1.90

SHALLOW CONE TIN SHADES.

					Per Doz.
Zudah	45505	5462	8 in.....	5 doz.	2.90
Zudak	45506	5463	10 in.....	5 doz.	3.35
Zudal	45507	5464	12 in.....	5 doz.	4.70
Zudam	45508	5465	14 in.....	5 doz.	6.00
Zudan	45509	5466	16 in.....	5 doz.	7.30



No. 45514.

FLAT AND CONE PORCELAIN ENAMELED STEEL SHADES.

Zudav	45514	5608	8 in. Flat..	5 doz.	5.00
Zudaw	45515	5609	10 in. Flat..	5 doz.	7.00
Zudax	45516	5636	8 in. Cone..	5 doz.	7.00
Zudaz	45517	5637	10 in. Cone..	5 doz.	9.50

No. 45518.

OVAL PORCELAIN ENAMELED STEEL SHADE

Zude	45518	5533	10 in.....	1 doz.	8.00

No. 45519.

PORCELAIN ENAMELED STEEL SHADES.

For Tungsten Lamps.

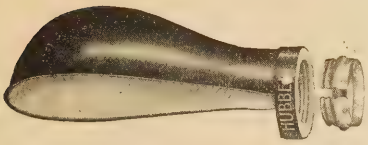
For 40 or 60 Watt Lamps.

Zudeb	45519	5603	10 in.....	1 doz.	12.50

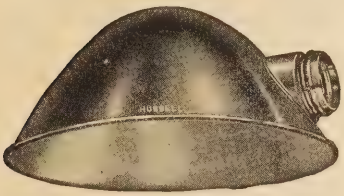
For 80 or 100 Watt Lamps.

Zuded	45520	5604	12 in.....	1 doz.	14.25

HUBBELL SHADES.



No. 41476.



No. 41481.

No. 41489.

No. 41495

No. 41497.

HALF REFLECTORS.

Code Word.	List No.	Mfr. No.		Std. Pkg. Doz.	List Pr. Doz.
Zagadi	41476	5429	Tin	5	$3.25
Zagadib	41477	5430	Aluminum	5	5.50
Zagadic	41478	5532	Brass	5	9.00
Zagadid	41479	5591	Tin. Imitat'n oak	1	5.00
Zagadif	41480	5592	Tin. Imitation mahogany	1	5.00

PARABOLA REFLECTOR.

6½ in. Polished Inside, Green Outside.

Zagadig	41481	5460	Aluminum. For 16 or 32 c. p. lamps.	5	9.00

6½ in. Frosted Inside, Green Outside.

Zagadih	41482	5461	Aluminum. For 16 or 32 c. p. lamps.	5	8.25

6½ in. Frosted Inside, Green Outside.

Zagadik	41483	5564	Tin. For 16 or 32 c. p. lamps	5	5.00

6½ in. Polished Brass.

Zagadil	41484	5611	For 16 or 32 c. p. lamps	1	9.00

6½ in. Frosted Inside, Old Brass Outside.

Zagadim	41485	5571	For 16 or 32 c. p. lamps	1	9.00

6½ in. Frosted Inside, Oxidized Copper Outside.

Zagadin	41486	5572	Brass. For 16 or 32 c. p. lamps.	1	9.00

5½ in. Polished Inside, Green Outside.

Zagadip	41487	5477	Aluminum. For 16 c. p. lamps	5	8.75

5½ in. Frosted Inside, Green Outside.

Zagadir	41488	5478	Aluminum. For 16 c. p. lamps	5	8.00

DEEP CONE SHADES.

Tin.

Zagadis	41489	5440	8 in.	5	3.50
Zagadit	41490	5441	10 in.	5	3.80
Zagadiv	41491	5442	12 in.	5	5.60

Aluminum.

					Each.
Zagadiw	41492	5473	8 in.	1	.85
Zagadix	41493	5474	10 in.	1	1.25
Zagadiy	41494	5475	12 in.	1	1.70

SPECIAL ALUMINUM SHADE.

7½ Inch.

					Per Doz.
Zagadiz	41495	5479	Polished	5	10.00
Zagado	41496	5480	Frosted	5	9.25

CONE PORCELAIN ENAMELED STEEL SHADE.

White Outside, White Inside.

Zagadob	41497	5546	10 in.	1	10.50

TURNED BRASS FITTINGS.

No. 8033.

BRASS TUBING SIZES.

Code Word.	List No.	Size.	List Price Per 100.
Zoral	8033	3/8 x 3/8	$4.00

No. 8022.

STRAIGHT NOZZLE.

Zoram	8022	3/8 x 3/8	6.00
Zoran	8023	7/16 x 3/8	10.00
Zorap	8024	1/2 x 3/8	10.00
Zorar	8026	5/8 x 3/8	12.50

No. 8050.

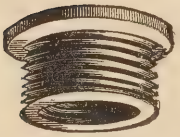
ELBOW NOZZLE.

Zoras	8050	3/8 x 3/8	12.50
Zorat	8051	7/16 x 3/8	12.50
Zorav	8052	1/2 x 3/8	12.50

ANGLE NOZZLE.

Same as No. 8037, Tapped on Angle.

Zoraw	8053	3/8 x 3/8	12.50
Zorax	8054	7/16 x 3/8	12.50
Zoraz	8055	1/2 x 3/8	12.50

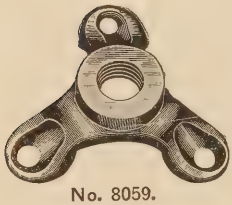


No. 8056.

BRASS BUSHING.

Iron Pipe Sizes.

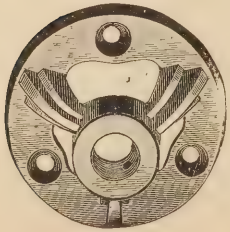
Zore	8056	1/4 x 1/8	5.00
Zoreb	8057	3/8 x 1/4	6.50
Zored	8058	3/8 x 1/8	6.50



No. 8059.

CROWFEET.

			List Price Per 1,000.
Zoref	8059	1/8 inch	40.00
Zoreg	8060	1/4 inch	40.00
Zoreh	8061	3/8 inch	40.00



No. 8062.

TRIPODS.

Zorek	8062	1/8 inch	60.00
Zorel	8063	1/4 inch	60.00
Zorem	8064	3/8 inch	60.00

SHADE HOLDERS.

No. 44104.

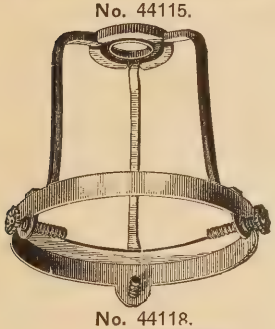
VICTOR SHADE HOLDER.

Code Word.	List No.	Finish.	List Price Per Gross. 2¼ inch.	3¼ inch.	4 inch.
Zofux	44104	P. B.....	$9.00	$18.00	$20.00
Zofuz	44105	R. G.....	9.00	18.00	.....
Zoga	44106	O. B.....	10.00	19.20	.....
Zogab	44107	A. Bz.....	10.00	19.20	.....
Zogad	44108	Ox. Cop.....	10.00	19.20	.....
Zogaf	44109	Black	10.00	19.20	.....
Zogag	44110	Nickel	10.00	19.20	.....

No. 44115.

HUBBELL SHADE HOLDER.

Zogan	44115	2¼ inch shade holder.....	9.00
Zogap	44116	3¼ inch shade holder.....	18.00



No. 44118.

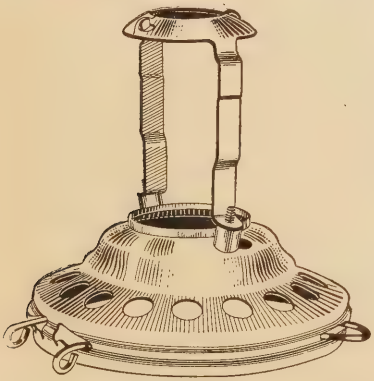
FOR PORCELAIN SOCKETS.

No. 44112.

Zogak	44112	2¼ inch	10.00
Zogal	44113	3¼ inch	20.00

HIGH HOLDER.

Zogas	44118	P. B.....	15.00	18.00	24.00
Zogat	44119	R. G.....	15.00	18.00	.....
Zogav	44120	O. B.....	16.00	19.20	26.00
Zogaw	44121	A. B.....	16.00	19.20	.....



No. 44122.

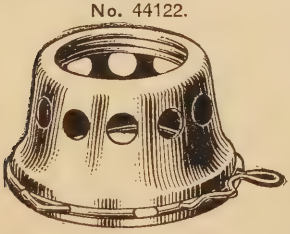
HOLOPHANE HOLDERS.

Style A.

			Each.
Zogax	44122	.....	$0.30

Style H.

Zogay	44123	.....	.12



No. 44123.

No. 44124.

Style O.

Zogaz	44124	.....	.08

MACALLEN CANOPY INSULATORS.

SQUARE CANOPY INSULATORS.

Owing to the increased demand for Square Canopy Insulators, we have brought out the following line of Standard Sizes:

Code Word.	List No.	Size.	List Price, Each. Standard Brown Compound.	List Price, Each. White Compound.
Zafarur	15695	4 inch	$0.28	$0.37
Zafarus	15696	4¼ inch	.30	.40
Zafarut	15697	4½ inch	.32	.43
Zafaruv	15698	4¾ inch	.34	.46
Zafaruw	15699	5 inch	.36	.49
Zafarux	15700	5¼ inch	.40	.53
Zafaruy	15765	5½ inch	.44	.57
Zafaruz	15766	5¾ inch	.48	.61
Zafasa	15767	6 inch	.52	.65

HEXAGONAL CANOPY INSULATORS.

Zafasab	15768	4 inch	.28	.37
Zafasac	15769	4¼ inch	.30	.40
Zafasad	15770	4½ inch	.32	.43
Zafasaf	15771	4¾ inch	.34	.46
Zafasag	15772	5 inch	.36	.49
Zafasah	15773	5¼ inch	.40	.53
Zafasak	15774	5½ inch	.44	.57
Zafasal	15775	5¾ inch	.48	.61
Zafasam	15776	6 inch	.52	.65

OLD STYLE, OR DOUBLE GROOVE CANOPY INSULATORS.

Dimensions given are the diameters of the outer groove. Inner grooves are half inch less in diameter.

Zafasan	15777	4 inch	.16	.25
Zafasap	15778	4½ inch	.18	.27½
Zafasar	15779	5 inch	.20	.30
Zafasas	15780	5½ inch	.25	.35
Zafasat	15781	6 inch	.30	.40
Zafasav	15782	6½ inch	.35	.45
Zafasaw	15783	7 inch	.40	—
Zafasax	15784	7½ inch	.45	—

IRREGULAR AND SPECIAL CANOPY INSULATORS.

It would be impracticable for us to carry in stock insulators to fit other than standard shapes and sizes of canopies. We are prepared to furnish estimates on insulators to fit almost any size or shape canopy.

Orders should specify whether Standard Brown or White Compound is desired.

MACALLEN CANOPY INSULATORS.

These Insulators are designed to go between the canopy and the wall, or ceiling, where combination or straight electric fixtures are installed in buildings that are constructed with metallic lathing, or where there are metal ceilings or walls used.

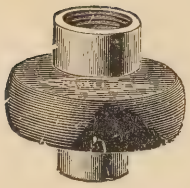
They are made of a special compound that is thoroughly waterproof, strong, durable, and of the highest insulating qualities.

Code Word.	List No.	Size.	List Price, Each—Standard Brown Compound	List Price, Each—White Compound.
Zacedoh	17522	2⅛ and 2¼	$0.10	$0.15
Zacedok	17523	2⅜ and 2½	.10½	.16
Zacedol	17524	2⅝ and 2¾	.11	.17
Zacedom	17525	2⅞ and 3	.11½	.18
Zacedon	17526	3⅛ and 3¼	.12	.19
Zacedop	17527	3⅜ and 3½	.12½	.20
Zacedor	17528	3⅝ and 3¾	.13	.21
Zacedos	17529	3⅞ and 4	.14	.22
Zacedot	17530	4⅛ and 4¼	.15	.23
Zacedov	17531	4⅜ and 4½	.16	.24
Zacedow	17532	4⅝ and 4¾	.17	.26
Zacedox	17533	4⅞ and 5	.18	.28
Zacedoy	17534	5⅛ and 5¼	.20	.30
Zacedoz	17535	5⅜ and 5½	.22	.32
Zacedu	17536	5⅝ and 5¾	.24	.34
Zacedub	17537	5⅞ and 6	.26	.36
Zaceduc	17538	6⅛ and 6¼	.28	.38
Zacedud	17539	6⅜ and 6½	.30	.40
Zaceduf	17540	6⅝ and 6¾	.33	.44
Zacedug	17541	6⅞ and 7	.36	.48
Zaceduh	17542	7⅛ and 7¼	.39	.52
Zaceduk	17543	7⅜ and 7½	.42	.56
Zacedul	17544	7⅝ and 7¾	.45	.60
Zacedum	17594	7⅞ and 8	.48	.64
Zacedun	17595	8⅛ and 8¼	.51	.68
Zacedup	17596	8⅜ and 8½	.54	.72
Zacedur	17597	8⅝ and 8¾	.57	.76
Zacedus	17598	8⅞ and 9	.60	.80
Zacedut	17599	9⅛ and 9¼	.64	.85
Zaceduv	17600	9⅜ and 9½	.68	.90
Zaceduw	17601	9⅝ and 9¾	.72	.95
Zacedux	17602	9⅞ and 10	.76	1.00
Zaceduy	17603	10⅛ and 10¼	.80	1.06
Zaceduz	17604	10⅜ and 10½	.84	1.12
Zacefa	17605	10⅝ and 10¾	.88	1.18
Zacefab	17606	10⅞ and 11	.92	1.24
Zacefac	17607	11⅛ and 11¼	.96	1.30
Zacefad	17608	11⅜ and 11½	1.00	1.37
Zacefaf	17609	11⅝ and 11¾	1.05	1.43
Zacefag	17610	11⅞ and 12	1.10	1.50
Zacefah	17611	12⅛ and 12¼	1.15	1.56
Zacefak	17612	12⅜ and 12½	1.20	1.63
Zacefal	17613	12⅝ and 12¾	1.25	1.70
Zacefam	17614	12⅞ and 13	1.30	1.77
Zacefan	17615	13⅛ and 13¼	1.35	1.84
Zacefap	17616	13⅜ and 13½	1.40	1.90
Zacefar	17617	13⅝ and 13¾	1.45	1.97
Zacefas	17618	13⅞ and 14	1.50	2.04
Zacefat	17619	14⅛ and 14¼	1.55	2.10
Zacefav	17620	14⅜ and 14½	1.60	2.17
Zacefaw	17621	14⅝ and 14¾	1.65	2.24
Zacefax	17622	14⅞ and 15	1.70	2.30

Orders should specify whether Standard Brown or White Compound is desired.

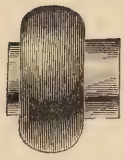
MACALLEN INSULATING JOINTS.

BLANK INSULATING JOINTS FOR EXTERNALLY WIRED ELECTRIC CHANDELIER FIXTURES. INSULATING JOINTS. Composition Brass.



Code Word.	List No.	Mfr. No.		List Price Each.
Zacaxa	48384	1021	⅜ x ⅛	$0.50
Zacaxab	48385	1022	⅜ x ¼	.50
Zacaxac	48386	1023	⅜ x ⅜	.50
Zacaxad	48387	1024	½ x ⅛	.66 2/3
Zacaxaf	48388	1025	½ x ¼	.66 2/3
Zacaxag	48389	1026	½ x ⅜	.66 2/3
Zacaxah	48390	1027	½ x ½	.66 2/3
Zacaxak	48391	1030	¾ x ⅜	1.00
Zacaxal	48392	1031	¾ x ½	1.00
Zacaxam	48393	1032	¾ x ¾	1.00
Zacaxan	48394	1033	1 x ½	1.60
Zacaxap	48395	1034	1 x ¾	1.60
Zacaxar	48396	1035	1 x1	1.60
		Malleable Iron.		
Zacaxas	48397	1061	⅜ x ⅛	.45
Zacaxat	48398	1062	⅜ x ¼	.45
Zacaxav	48399	1063	⅜ x ⅜	.45
Zacaxaw	48400	1064	½ x ⅛	.60
Zacaxax	48401	1065	½ x ¼	.60
Zacaxay	48402	1066	½ x ⅜	.60
Zacaxaz	48403	1067	½ x ½	.60
Zacaxe	48404	1068	¾ x ⅜	.90
Zacaxeb	48405	1069	¾ x ½	.90
Zacaxec	48406	1070	¾ x ¾	.90
Zacaxed	48407	1071	1 x ½	1.45
Zacaxef	48408	1072	1 x ¾	1.45
Zacaxeg	48409	1073	1 x1	1.45

BLANK INSULATING JOINTS FOR EXTERNALLY WIRED ELECTRIC BRACKET FIXTURES. In Composition Brass.

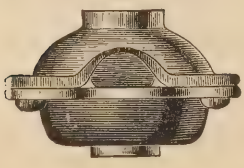


Zacaxeh	48410	1281	⅛ x ⅛	.40
Zacaxek	48411	1282	¼ x ⅛	.40
Zacaxel	48412	1283	¼ x ¼	.40
Zacaxem	48413	1131	⅜ x ⅛	.40
Zacaxen	48414	1132	⅜ x ¼	.40
Zacaxep	48415	1133	⅜ x ⅜	.40
Zacaxer	48416	1134	½ x ⅛	.54
Zacaxes	48417	1135	½ x ¼	.54
Zacaxet	48418	1136	½ x ⅜	.54
Zacaxev	48419	1137	½ x ½	.54
		In Malleable Iron—Blank.		
Zacaxew	48420	1151	⅜ x ⅛	.36
Zacaxex	48421	1152	⅜ x ¼	.36
Zacaxey	48422	1153	⅜ x ⅜	.36
Zacaxez	48423	1154	½ x ⅛	.50
Zacaxi	48424	1155	½ x ¼	.50
Zacaxib	48425	1156	½ x ⅜	.50
Zacaxic	48426	1157	½ x ½	.50

EXTRA HEAVY BLANK JOINTS. In Composition Brass Only.

Zacaxid	48427	1271	½ x ½	1.25
Zacaxif	48428	1272	¾ x ½	1.75
Zacaxig	48429	1273	¾ x ¾	2.00
Zacaxih	48430	1274	1 x ¾	2.50
Zacaxik	48431	1275	1 x1	2.75
Zacaxil	48432	1276	1¼ x1	3 50
Zacaxim	48433	1277	1¼ x1¼	4.00
Zacaxin	48434	1278	1½ x1½	6.00
Zacaxip	48435	1279	2 x2	10.00

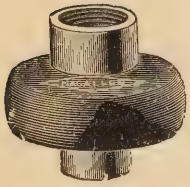
SEPARABLE ELECTROLIER TRIPOD JOINT. FOR CONDUIT, WITH PASSAGE FOR WIRES THROUGH INSULATION. Malleable Iron Only.



Zacaxir	48436	1351	⅜ x ⅛	.55
Zacaxis	48437	1352	⅜ x ¼	.55
Zacaxit	48438	1353	⅜ x ⅜	.60
Zacaxiv	48439	1354	½ x ⅛	.65
Zacaxiw	48440	1355	½ x ¼	.65
Zacaxix	48441	1356	½ x ⅜	.70
Zacaxiy	48442	1357	½ x ½	.75
Zacaxiz	48443	1359	¾ x ½	.90

MACALLEN INSULATING JOINTS.

SOLID MICA INSULATING JOINTS. CHANDELIER INSULATING JOINTS FOR COMBINATION FIXTURES.



In Composition Brass—Combination.

Code Word.	List No.	Mfr. No.		List Price Each.
Zacaxo	48444	1000	¼ x ¼	$0.50
Zacaxob	48445	1001	⅜ x ⅛	.50
Zacaxoc	48446	1002	⅜ x ⅛	.50
Zacaxod	48447	1003	⅜ x ⅜	.50
Zacaxof	48448	1004	½ x ⅛	.66 2/3
Zacaxog	48449	1005	½ x ¼	.66 2/3
Zacaxoh	48450	1006	½ x ⅜	.66 2/3
Zacaxok	48451	1007	½ x ½	.66 2/3
Zacaxol	48452	1010	¾ x ⅜	1.00
Zacaxom	48453	1011	¾ x ½	1.00
Zacaxon	48454	1012	¾ x ¾	1.00
Zacaxop	48455	1013	1 x ½	1.60
Zacaxor	48456	1014	1 x ¾	1.60
Zacaxos	48457	1015	1 x1	1.60

In Malleable Iron—Combination.

Zacaxot	48458	1041	⅜ x ⅛	.45
Zacaxov	48459	1042	⅜ x ¼	.45
Zacaxow	48460	1043	⅜ x ⅜	.45
Zacaxox	48461	1044	½ x ⅛	.60
Zacaxoy	48462	1045	½ x ¼	.60
Zacaxoz	48463	1046	½ x ⅜	.60
Zacaxu	48464	1047	½ x ½	.60
Zacaxub	48465	1048	¾ x ⅜	.90
Zacaxuc	48466	1049	¾ x ½	.90
Zacaxud	48467	1050	¾ x ¾	.90
Zacaxuf	48468	1051	1 x ½	1.45
Zacaxug	48469	1052	1 x ¾	1.45
Zacaxuh	48470	1053	1 x1	1.45

BRACKET INSULATING JOINTS FOR COMBINATION FIXTURES.

In Composition Brass—Combination.

Zacaxuk	48471	1261	⅛ x ⅛	.40
Zacaxul	48472	1262	¼ x ⅛	.40
Zacaxum	48473	1263	¼ x ¼	.40
Zacaxun	48474	1121	⅜ x ⅛	.40
Zacaxup	48475	1122	⅜ x ¼	.40
Zacaxur	48476	1123	⅜ x ⅜	.40
Zacaxus	48477	1124	½ x ⅛	.54
Zacaxut	48478	1125	½ x ¼	.54
Zacaxuv	48479	1126	½ x ⅜	.54
Zacaxuw	48480	1127	½ x ½	.54

In Malleable Iron—Combination.

Zacaxux	48481	1141	⅜ x ⅛	.36
Zacaxuy	48482	1142	⅜ x ¼	.36
Zacaxuz	48483	1143	⅜ x ⅜	.36
Zacaya	48484	1144	½ x ⅛	.50
Zacayab	48485	1145	½ x ¼	.50
Zacayac	48486	1146	½ x ⅜	.50
Zacayad	48487	1147	½ x ½	.50

EXTRA HEAVY COMBINATION JOINTS. FOR FIXTURES LARGER THAN ONE IN.

In Composition Brass Only.

Zacayaf	48488	1251	½ x ½	1.25
Zacayag	48489	1252	¾ x ½	1.75
Zacayah	48490	1253	¾ x ¾	2.00
Zacayak	48491	1254	1 x ¾	2.50
Zacayal	48492	1255	1 x1	2.75
Zacayam	48493	1256	1¼ x1	3.50
Zacayan	48494	1257	1¼ x1¼	4.00
Zacayap	48495	1258	1½ x1½	6.00
Zacayar	48496	1259	2 x2	10.00

Larger sizes to order. Special prices.

MACALLEN INSULATING JOINTS.

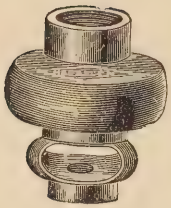
MALE AND FEMALE THREADED JOINTS FOR COMBINATION FIXTURES.

In Composition Brass.

Code Word.	List No.	Mfr. No.		List Price Each
Zacayas	48497	1264	⅜ x ⅜	$0.50
Zacayat	48498	1265	½ x ½	.66 2/3

In Malleable Iron.

Zacayav	48499	1266	⅜ x ⅜	.45
Zacayaw	48500	1267	½ x ½	.60



No. 18693.

ELECTROLIER OR SEPARABLE JOINTS.

In Composition Brass.

Zacayax	48501	1201	⅜ x ⅛	.60
Zacayay	48502	1202	⅜ x ¼	.60
Zacayaz	48503	1203	⅜ x ⅜	.60
Zacaye	48504	1204	½ x ⅛	.80
Zacayeb	48505	1205	½ x ¼	.80
Zacayec	48506	1206	½ x ⅜	.80
Zacayed	48507	1207	½ x ½	.80
Zacayef	48508	1209	¾ x ⅜	1.20
Zacayeg	48509	1210	¾ x ½	1.20
Zacayeh	48510	1211	¾ x ¾	1.20
Zacayek	48511	1214	1 x ¾	2.00
Zacayel	48512	1215	1 x1	2.00

Larger sizes to order.

Bracket Sizes.

Zacayem	48513	1269	¼ x ⅛	.50
Zacayen	48514	1270	¼ x ¼	.50
Zacayep	48515	1231	⅜ x ⅛	.50
Zacayer	48516	1232	⅜ x ¼	.50
Zacayes	48517	1233	⅜ x ⅜	.50
Zacayet	48518	1234	½ x ⅛	.60
Zacayev	48519	1235	½ x ¼	.60
Zacayew	48520	1236	½ x ⅜	.60

In Malleable Iron.

Zacayex	48521	1221	⅜ x ⅛	.50
Zacayey	48522	1222	⅜ x ¼	.50
Zacayez	48523	1223	⅜ x ⅜	.50
Zacayi	48524	1224	½ x ⅛	.66 2/3
Zacayib	48525	1225	½ x ¼	.66 2/3
Zacayic	48526	1226	½ x ⅜	.66 2/3
Zacayid	48527	1227	½ x ½	.66 2/3
Zacayif	48528	1228	¾ x ⅜	1.00
Zacayig	48529	1229	¾ x ½	1.00
Zacayih	48530	1230	¾ x ¾	1.00
Zacayik	48531	1249	1 x ¾	1.70
Zacayil	48532	1250	1 x1	1.70

Bracket Sizes.

Zacayim	48533	1241	⅜ x ⅛	.45
Zacayin	48534	1242	⅜ x ¼	.45
Zacayip	48535	1243	⅜ x ⅜	.45
Zacayir	48536	1244	½ x ⅛	.55
Zacayis	48537	1245	½ x ¼	.55
Zacayit	48538	1246	½ x ⅜	.55

HICKEYS—BOTH ENDS TAPPED TO STANDARD IRON PIPE SIZES.

Malleable Iron.

Zacayiv	48539	1450	⅛ x ⅛	.07 1/2
Zacayiw	48540	1451	¼ x ⅛	.07 1/2
Zacayix	48541	1452	¼ x ¼	.07 1/2
Zacayiy	48542	1453	⅜ x ⅛	.10
Zacayiz	48543	1454	⅜ x ¼	.10
Zacayo	48544	1455	⅜ x ⅜	.10
Zacayob	48545	1461	½ x ⅛	.12 1/2
Zacayoc	48546	1462	½ x ¼	.12 1/2
Zacayod	48547	1463	½ x ⅜	.12 1/2
Zacayof	48548	1456	½ x ½	.12 1/2
Zacayog	48549	1457	¾ x ¾	.17 1/2
Zacayoh	48550	1458	1 x1	.25

No. 18730.

Furnished in Composition Brass to order. The above will not fit Insulating Joints. ıe nipples of which are tapped with special straight threads. Hickeys for joints in either ıalleable Iron or Composition Brass on application.

"JANDUS" DANIELS BOULEVARD LIGHTING SYSTEM.

Luxolabra No. 1.
One Light.

Standard height, including globe, 12 feet 6 in.; base, 20 in. in diameter; height of base, 8 in.; height of head, 6 in.; diameter of globe, 16 in.

The illustrations show two street fixtures from an extensive line especially designed for boulevard lighting.

CONSTRUCTION OF COLUMNS.

During the development of this System many experiments were made with both Iron and Concrete posts, but Concrete seemed so admirably adapted to this particular service that several Standard Designs have been adopted. However, Cast Iron supports are often specified and can be furnished when desired. The Concrete Posts are moulded and finished to correspond to sand stone, marble, or granite; in fact, any natural stone or marble finish, ranging in color from deep gray to pure white.

Luxolabra No. 63.
Three Lights.

Standard height, including globe, 13 feet 2 in.; base, 20 in. in diameter; height of head, 33 in.; diameter of top globe, 16 in.; diameter of side globes, 12 in.

FURTHER INFORMATION.

We have some very attractive and interesting bulletins on this boulevard lighting system. You are urged to write for literature and prices.

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